

INDUSTRIAL CONNECTIVITY SOLUTIONS



SUPPORTING INDUSTRY 4.0

jaycor.co.za



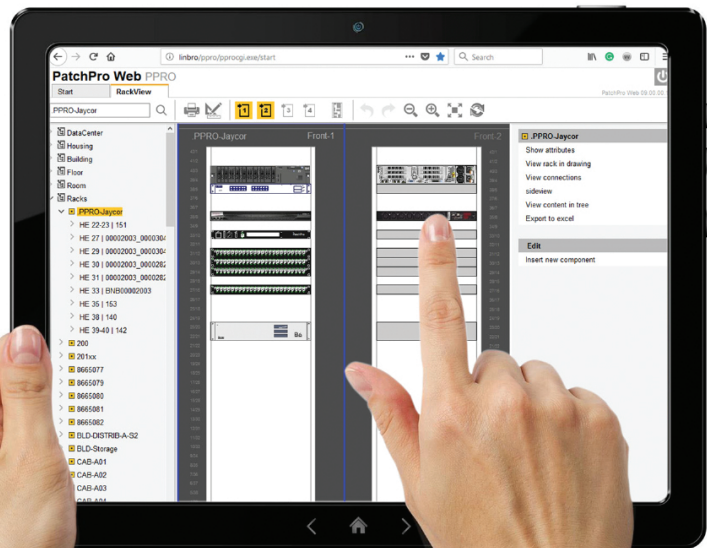
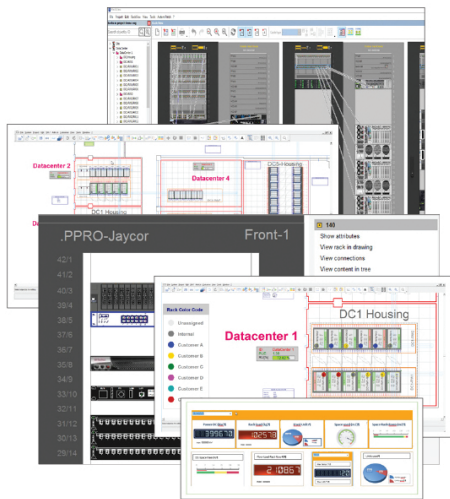
JAYCOR

INTERNATIONAL



Unlock Value with PatchPro® DCIM SaaS Solution

Supporting IoT, IIoT and Industry 4.0



Facility

- Rooms
- Costs
- Inventory
- Space
- Maintenance
- Contract
- Access
- Building Technology

PatchPro®
DCIM SaaS

Connectivity

- Cable
- Patches
- Connections
- NW/PBX
- Troubleshoot
- Wiring
- Signals
- Report

One Single Platform for all Data | Combining Facilities and Connectivity

PatchPro® - One Single Platform for all Data

PatchPro® DCIM SaaS



Unlock Value with PatchPro®

JAYCOR in partnership with Belden has developed a DCIM SaaS (software as a service) solution, fit for the purpose for South African enterprises, their facilities, networks and data centers.

Our solution incorporates the well-established and highly-regarded PatchPro® DCIM software, combined with international and local expertise, experience and resources to deliver and execute a DCIM SaaS through a 24/7 managed service.

DCIM (Data Centre Infrastructure Management)

- Asset tracking and management
- Power and Cooling optimization
- Alarms and what-if scenarios
- Platform security

PPM (Planned and Preventative maintenance)

- Mechanical, electrical, environmental and support systems -asset tagging and management
- Contract management and service schedules
- SLA Management

Onsite support

24/7 Service desk

Software Components

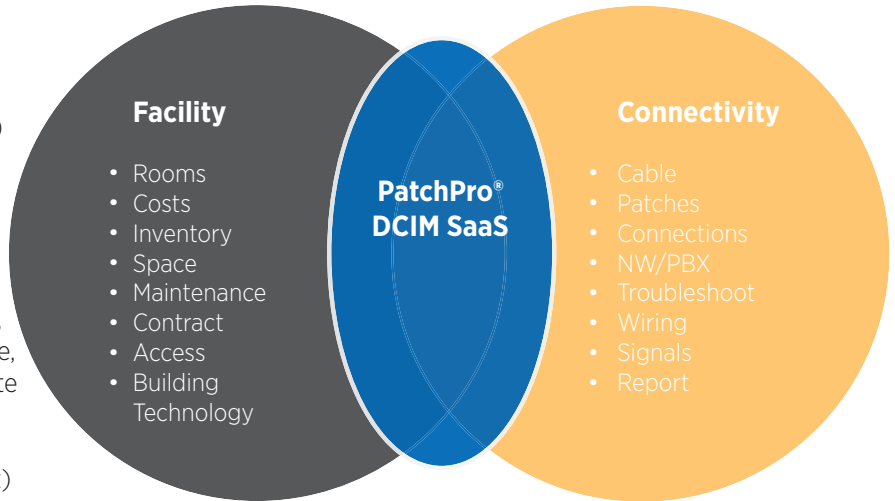
-CAFM Integrated Cable Management, Net work planning and documentation

DCIM/AIM

-Database Oracle or SQL-Server
-CAD-System AutoCAD or CADVANCE

-Modules Integrated or Stand-Alone
-API Interface for individual programming /expansion

-Language: Object oriented Programming (C++)

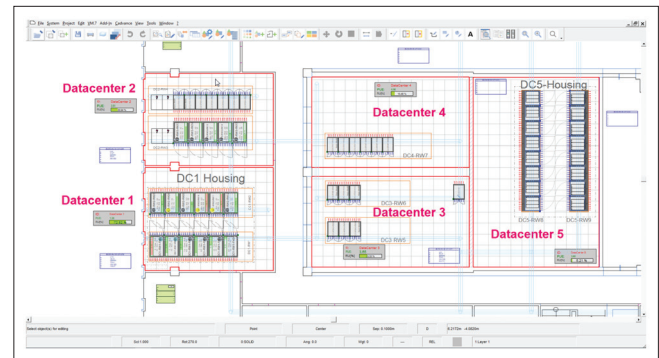


Combining Facilities and Connectivity

PatchPro® Software Capabilities Include:

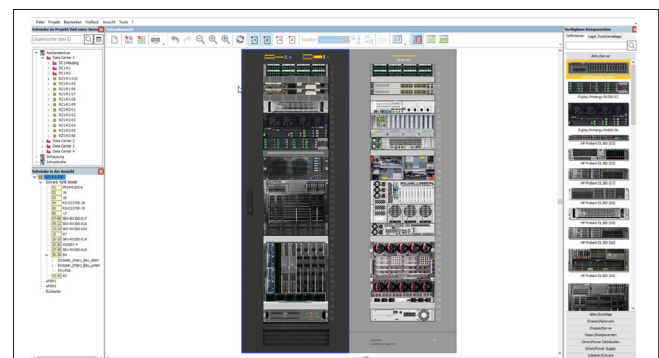
-iPLM Infrastructure Physical Layer Management

Manage your physical infrastructure - cabling, ducts, routes, patches, cabinets and all other assets.



-DCIM Data Centre Infrastructure Management

Manage racks and inventory (hardware), connections, patches and cross-connects, work orders and more.



Your Single-Source End-to-End Industrial Connectivity Solutions Provider

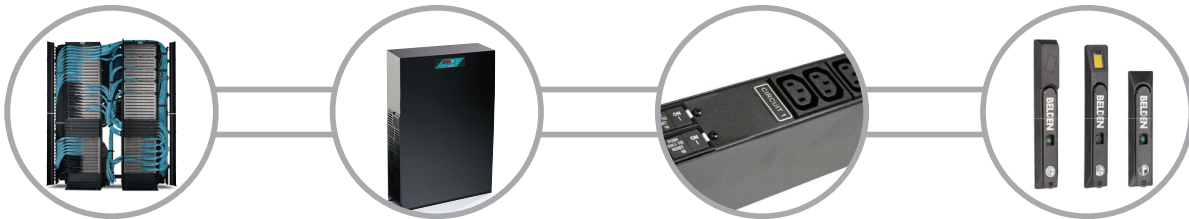
The Quickest Connections Worldwide

The Belden portfolio extends from a comprehensive range of cables and connectors, through rugged Ethernet switches, to routers and firewalls – all harmonized to work seamlessly together. With this portfolio we can meet the exacting requirements of our customers, who demand robust, high-quality products for use under extremely challenging conditions.

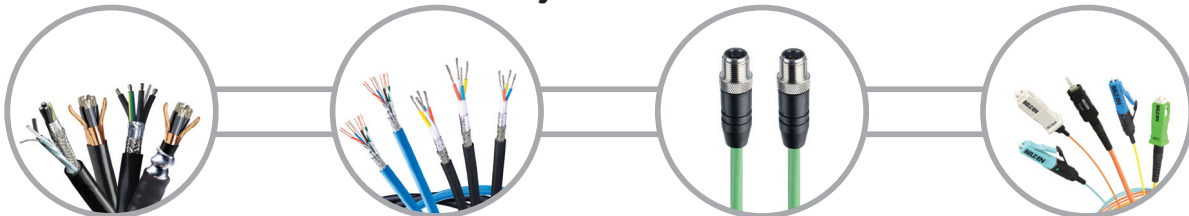
With top-quality products from the Belden, Hirschmann™ and Lumberg Automation™ brands, backed by professional service and support, we provide you with the best possible complete solution in automation, whether for monitoring passenger flow, for traffic surveillance in tunnels, for networks at airports, on ships, or for on-board entertainment systems.



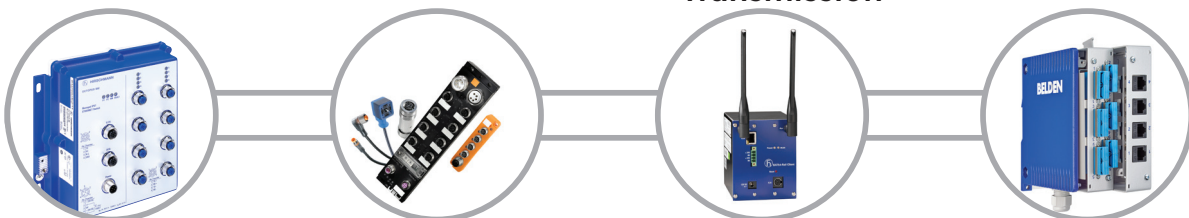
Infrastructure



Connectivity



Transmission



Industrial Control & Instrumentation Cables



Product Features

Multi-conductor cable products deliver low voltage analog data signals within enclosures, from controllers and I/Os to devices such as temperature and pressure sensors, relays, valves, meters, thermocouples, solenoids, actuators, contacts, push buttons, and alarms.

They also are applicable for communications, instrumentation, sound, control, audio, data transmission, and many more applications.

Quality, reliability and proven performance

- Designs that exceed UL and other international standards
- Local content

Broad range of conductor sizes, screen options, and conductor counts

- 0,08mm² to 25mm² (28AWG to 0AWG)
- Multi-core & Multipair - 2 to 60 conductor combinations
- OAM Foil, IAM/OAM Foil, Braid and combination OAM Foil + Braid screens

Insulation and sheath materials

- PVC and FR-PVC and Nitrile PVC
- Polyolefin provide lower capacitance performance compared to PVC
- XLPE, LSZH and HFFR
- Polyethylene
- Polyurethane
- Silicone and Neoprene rubber
- Teflon® and Tefzel®
- Cut lengths available on locally stocked items

Applications

JAYFLEX, JAYFOIL, Dekoron, Belden® and Northwire® industrial cables include a select number of high-quality, high-reliability cables that meet or exceed local and international standards. The full range offers best-in-class products and a cost conscious range to suite all applications and budgets.

Suitable for process control networks, industrial automation and building automation systems such as heating, ventilation, air conditioning (HVAC) and security systems. They are ideal for data transmission between multiple systems and often in long distance links.

CSA Control cables are available for general-purpose cables used in the oil and gas, pulp and paper, mining, petroleum and chemical industries as well as in commercial buildings.



JAYFLEX JAYFOIL

BELDEN
SENDING ALL THE RIGHT SIGNALS

NORTHWIRE
A LEMO Group Company



Industrial Connectors

LEMO® Connectors

- The Original Push-Pull Connectors

LEMO Connectors deliver unrivalled mission critical performance for aggressive industrial environments.

S Series – Stepped Inserts IP50

Contacts: Unipole, Multipole 2 to 106, Coaxial and Triaxial 50 and 75 Ω , High voltage, hybrid contacts and thermocouple. Over 60 shell styles.

Temp. range -55°C to 250°C.
ILME Connectors
Allied Connectors



T Series – IP68

Contacts: Multipole 2 to 32 contacts. Compatible with existing b sockets. Temp. range -55°C to 200°C.



ALLIED Mil-spec Circular

The Allied MS (threaded) and MG (bayonet) connectors are circular coupling connectors designed as per JSS 50812 (equivalent to American MIL-C-5015).

These connectors are ideal for use in highly ruggedized applications, where power/ signal is to be transmitted in an environment of extremely low or high temperatures, with high vibration and shock also present.

Apart from providing mechanical protection to the contacts, the connectors offer the advantage of being light weight and easy to handle, which facilitates ease of mating/un-mating.



B Series – IP50

Contacts: Multipole 2 to 64, coaxial, high-voltage, Fibre optic hybrid contacts and thermocouple. Over 60 shell styles. Temp. range -55°C to 250°C.



K Series – IP66/68

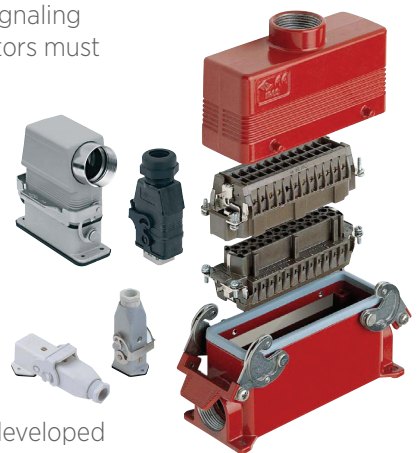
Contacts: Multipole 2 to 64 contacts, High voltage, Fibre optic, hybrid contacts and thermocouple. Over 60 shell styles. Temp. range -55°C to 200°C.



ILME Rectangular Multipole

Heavy-duty rectangular multipole connectors for industrial purposes are used in electric and electronic machinery, control units, electric panels, control equipment and wherever connections are required for power and signaling circuits. (N.B. the connectors must not be handled live).

The connectors are in conformance with the standard DIN VDE 0627 (European standard IEC 61984) and where applicable, to the standard DIN 43652 (European standard EN 175301-801 developed by CENELEC TC48B).



Industrial Patch Cords

Industrial networks require ruggedized and flexible patch cords to perform in harsh environments. JAYCOR's range of Belden industrial networking patch cords are resistant to high and low temperatures, oils, fats and chemicals, and are offered in PVC, PUR and LSZH materials.

Machine crimped and moulded assemblies can be ordered, JAYCOR also offers locally assembled and tested patch cords in a variety of connector combinations - RJ45, M8, M12, M23, SUBD and 7/ 8".

- Industrial Ethernet
- AS-Interface
- Interbus®
- Profibus®
- CANopen®
- DeviceNet™



Industrial Ethernet



Profibus



AS-Interface



Profinet

Custom Cable Assembly



JAYCOR offers the service of terminating custom cables assemblies with various types of connectors, plugs or sockets to suit customer's specific requirements for motor control, instrumentation, and various other applications.

Plugs and sockets of various types are also available for quick termination and, if required, cables can be fitted with crimp or solder type contacts of various sizes. As most connectors and cables are ex-stock, completed assemblies can be supplied within a few days of ordering.

Save your engineers and technicians valuable time by using our qualified termination specialists.



LEMO® cable assemblies are used in a variety of specialized industrial control, Industrial Ethernet and test and measurements applications. JAYCOR, the sole agents for LEMO® products in Sub-Saharan Africa, assembles and tests all our LEMO® copper and fibreoptic cable assemblies in Johannesburg and Cape Town.

Fibre Solutions

Fibre infrastructure cables for heavy duty (HDD) indoor/outdoor, direct burial, armoured and other industrial applications.



Industrial Gigabit Media Converters

from Planet Networking combines Ethernet media conversion from 1000Base-X to 10/100/1000Base-T with optional 802.3at PoE delivered in an IP30 rugged strong case.

1000Base-X fibreoptic uplink ports provide long distance, high speed and stable data transmission to remote core network. Operating from -40 to 75 degrees C.



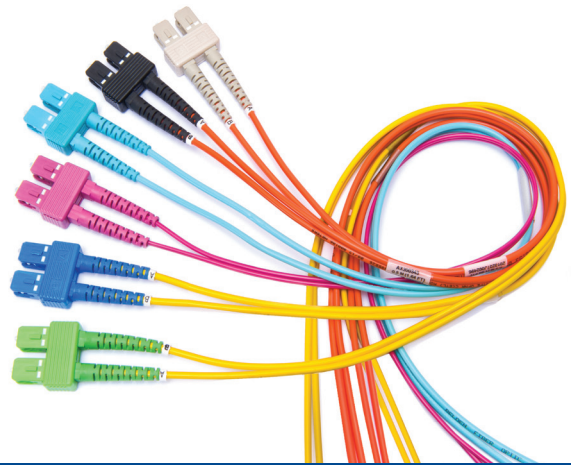
72 Ports/U high-density **patch panels** and standard type 12 to 24 port/U panels are available to suit all applications and budgets.



Belden's XNM Series **NEMA Industrial Cabinet** with self-contained AC cooling units are ideal for use in industrial networking. Designed for dusty environments, Belden XNM enclosures allow hosting of networking/control equipment in factories, warehouses and on the production floor. Optional air conditioning AC units allow temperature control for stand-alone applications. Belden has extensive NEMA-style networking enclosure experience and capability to customize product solutions.

Patch Cords - SC, LC, FC and ST fibre patch cords are stocked in standard lengths, with custom lengths and combinations made up within 3-5 working days.

Available in all fibre types: OM1 to OM4 and OS2 and standard or angled polished ferrules.



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Datatuff® Industrial Ethernet

Part No.	Data Rates	Category	Additional Features/ Ratings
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Industrial Category 5e and Category 6 Installation Cables

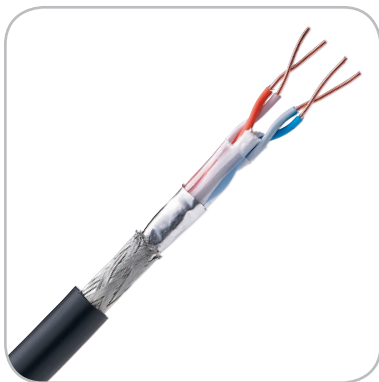
Category 5e • 4 Pair • Unshielded and Shielded • PVC Outer Jacket • Various colours



74001E

74001E			S/FTP - Heavy Shielded, 300 V UL AWM 2464, Sunlight and Oil Resistant, Flame Retardant
7921A			S/FTP - Heavy Shielded, EtherNet/IP Compliant, NEC: CMR, CMX-Outdoor, CEC: CMR FT4, Sunlight and Oil Resistant
7923A	1 Gb/s	Cat5e	UTP - EtherNet/IP Compliant, MSHA Approved*, NEC: CMR, CMX-Outdoor, CEC: CMR FT4, Sunlight and Oil Resistant
7929A			FTP - NEC: CMR, CMX-Outdoor, CEC: CMR FT4, MSHA Approved*, Sunlight and Oil Resistant
7919A			FTP - NEC: CMR, CMX-Outdoor, CEC: CMR FT4, FTP MSHA Approved*, Sunlight and Oil Resistant, CMX-Outdoor
7939A			FTP - NEC: CMR, CMX-Outdoor, • CEC: CMR FT4, Sunlight and Oil Resistant

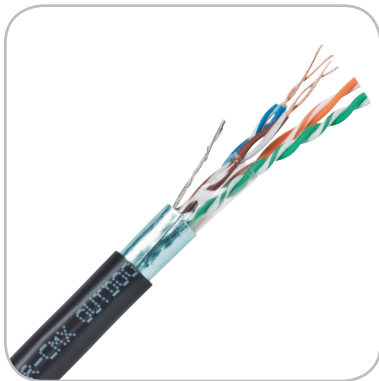
Category 5e • 2 Pair • Unshielded and Shielded • PVC Outer Jacket • Various colours



72001E

72001E			S/FTP - Heavy Shielded, 300 V UL AWM 2464, Sunlight and Oil Resistant, Flame Retardant
7933A	100 Mb/s	Cat5e	FTP - EtherNet/IP Compliant, NEC: CMR • CEC: CMR FT4, Sunlight and Oil Resistant
7932A			UTP - EtherNet/IP Compliant, NEC: CMR • CEC: CMR FT4, Sunlight and Oil Resistant

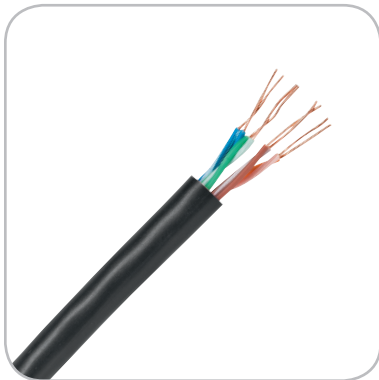
Category 5e • 2 Pair • Shielded • LSZH Outer Jacket • Black



72001NH

72001NH	100 Mb/s	Cat5e	S/FTP - Heavy Shielded, 300 V UL AWM 21286, Sunlight and Oil Resistant, Flame Retardant
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Category 5e • 4 Pair • Unshielded and Shielded • LSZH Outer Jacket • Various colours



74001NH

74001NH			S/FTP Heavy Shielded, 300 V UL AWM 21286, Sunlight and Oil Resistant, Flame Retardant
7935A	1 Gb/s	Cat5e	UTP - EtherNet/IP Compliant, NEC: CM, FT1, Sunlight and Oil Resistant
7953A			FTP - 600 V UL AWM, Shielded, EtherNet/IP Compliant, NEC: CMR, CMX-Outdoor, • CEC: CMR FT4, Sunlight and Oil Resistant
7936A			FTP - NEC: CM • CEC: CMG FT4, Sunlight Resistant

Category 5e • 4 Pair • Unshielded • PE Outer Jacket • Black

7934A	1 Gb/s	Cat5e	UTP - Waterblocked Burial, Halogen Free, EtherNet/IP Compliant, Sunlight and Oil Resistant
7937A			FTP - Waterblocked Burial, Upjacketed – PE Inner Jacket, Halogen Free, Sunlight and Oil Resistant

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Datatuff® Industrial Ethernet

Part No.	Data Rates	Category	Additional Features/ Ratings
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Industrial Cat5e, Cat6 and Cat7 Installation Cables

Category 5e • 4 Pair • Unshielded • FEP Outer Jacket • Black

7928A	1 Gb/s	Cat5e	UTP - High and Low Temp, EtherNet/IP Compliant, NEC: CMP • CEC: CMP FT6, Outstanding Oil Res I/II, Gas Resistant, Sunlight Resistant
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Category 5e • 4 Pair • Shielded • PUR Outer Jacket • Black

74001PU	1 Gb/s	Cat5e	S/FTP - Heavy Shielded, 300 V UL AWM 20549, Sunlight and Oil Resistant, Flame Retardant, FT2, Halogen Free
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Category 6 • 4 Pair • Unshielded and Shielded • PVC Outer Jacket • Various colours

7953A			FTP - 600 V UL AWM, Shielded, EtherNet/IP Compliant, NEC: CMR, CMX-Outdoor •, CEC: CMR FT4, Sunlight and Oil Resistant
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7940A	1 Gb/s	Cat6	UTP - EtherNet/IP Compliant, NEC: CMR, CMX-Outdoor •, CEC: CMR FT4, Sunlight and Oil Resistant
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7927A			UTP - E-Spline Center Member for Mechanical Protection, Tested to 600 MHz, NEC: CMR • CEC: CMR FT4, Sunlight and Oil Resistant
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Category 6 • 4 Pair • Unshielded • FEP Outer Jacket • Black

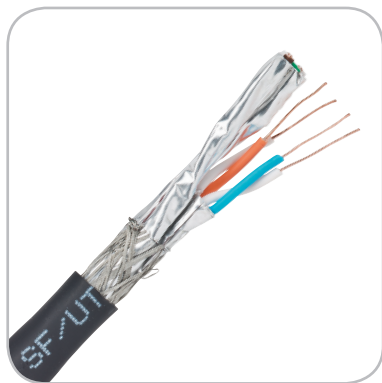
7931A	1 Gb/s	Cat6	UTP - High and Low Temp, NEC: Limited Combustible FHC, 25/50, CMP • CEC: CMP FT6, Outstanding Oil Res I/II, Gas Resistant, Sunlight Resistant
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Category 7 • 4 Pair • Shielded • PVC Outer Jacket • Black

74004E	10 Gb/s	Cat7	S/FTP - Heavy Shielded, 30 V UL AWM 20276, Sunlight and Oil Resistant, Flame Retardant
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Category 7 • 4 Pair • Shielded • LSZH Outer Jacket • Black or grey

74004NH	10 Gb/s	Cat7	S/FTP - Heavy Shielded, 30 V UL AWM 20851, Sunlight and Oil Resistant, Flame Retardant - Bundle Flame Test, IEC 60332-3-24 , EN50266-2-4 cat C
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74004NH



7940A

Plugs & Jacks

Part Number	Data Rates	Category	Description/Features/Ratings
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Cable Mount Plugs

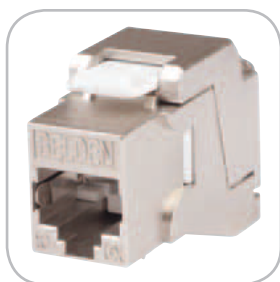
JCWEPL08	100 Mb/s	Cat5e	8 Pin Cat5e RJ45 plug, unshielded
JCCOTM8W8PSC	100 Mb/s	Cat5e	8 Pin Cat5e RJ45 plug, shielded
JCWEPL08C6	1 Gb/s	Cat6	8 Pin Cat6 RJ45 plug, unshielded
JCWEPL08C6S	1 Gb/s	Cat6	8 Pin Cat6 RJ45 plug, shielded
JCCOTM8W8PSC2	10 Gb/s	Cat7	8 Pin Cat6/6A RJ45 plug, shielded for large OD cable 7.5mm

Cable and Rack Mount Jacks

AX104596	1 Gb/s	Cat6+	8 Pin Cat6+ Modular jack, shielded, IDC - TIA 568.C.2, Class E - ISO/IEC 11801:2002. Operating temperature: -10°C To +60°C Termination: Tool less
AX104562	10 Gb/s	Cat6A	8 Pin Cat6A Modular jack, shielded, IDC - TIA 568.C.2, Class EA - ISO/IEC 11801:2002 Amendment 2. Operating temperature: -10°C To +60°C Termination: Tool less





JCCOTM8W8PSC2





AX104562

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Datatuff® Industrial Ethernet		Part No.	Data Rates	Category	Additional Features/ Ratings
Flex and High-flex Drag Chain Industrial Cat5e and Cat7 Cables					
Category 5e • 2 Pair • Shielded • PVC Outer Jacket • Black					
	72002E	100 Mb/s	Cat 5e	S/FTP - Heavy Shielded, 300 V UL AWM 2464, Sunlight and Oil Resistant, Flame Retardant	
Category 5e • 4 Pair • Shielded • LSZH Outer Jacket • Black					
	74002NH	100 Mb/s	Cat 5e	S/FTP - Heavy Shielded, 300 V UL AWM 21286, Sunlight and Oil Resistant, Flame Retardant	
Category 5e • 2 Pair • Shielded • PUR Outer Jacket • Black					
	72002PU	100 Mb/s	Cat 5e	S/FTP - Heavy Shielded, 300 V UL AWM 20549, Sunlight and Oil Resistant, Flame Retardant, FT2. Halogen Free, AWM 20549	
Category 5e • 4 Pair • Shielded • TPE Outer Jacket • Black					
	7938A	1 Gb/s	Cat 5e	S/FTP - 10 Million Continuous, Flex Cycles, Trailing, Weldsplatter Resistant, CEC: FT1, Sunlight and Oil Resistant, AWM 20626	
Category 5e • 4 Pair • Shielded • PUR Outer Jacket • Black					
	74003PU	1 Gb/s	Cat 5e	S/FTP - 2 Million Continuous, Flex Cycles, Trailing, 300 V UL AWM 20549, Sunlight and Oil Resistant, Flame Retardant FT2, Halgen Free, AWM 20549	
	74009PU			S/FTP - 2 Million Continuous, Flex Cycles, Torsion, 300 V UL AWM 20549, Sunlight and Oil Resistant, Flame Retardant FT2, Halgen Free	
Category 7 • 4 Pair • Shielded • PUR Outer Jacket • Various colours					
	74005E	10Gb/s	Cat 7	IS/FTP - Heavy Shielded, 30 V UL AWM 20121, Sunlight and Oil Resistant, Flame Retardant	
	74005NH			IS/FTP - Heavy Shielded, 30 V UL AWM 20851, Sunlight and Oil Resistant, Flame Retardant, Halogen Free	
	74005PU			IS/FTP - Heavy Shielded, 30 V UL AWM 21292, Sunlight and Oil Resistant, Flame Retardant FT2, Halogen Free	

Plugs & Jacks	Part Number	Data Rates	Category	Description/Features/Ratings
RJ45 Field Moubt Cable Mount Plug				
	J00026A2001	10 Gb/s	Cat6A	8 Pin Cat6A RJ45 Field mount plug, shielded, suitable for Cat6A, Cat7 and Profinet cables Termination: Tool less
RJ45-RJ45 Coupler and Shielded Patch Panel				
	AX104501	10 Gb/s	Cat6A	8 Pin Cat6A RJ45-RJ45 Coupler, shielded, - TIA 568.C.2, Class EA - ISO/IEC 11801:2002 Amendment 2 Operating temperature: -10°C To +60°C
	AX104563	-	-	24 Port 1U Shielded patch panel, titanium colour, Includes: 4 Screws (10x32); 4 Screws (12x24); 1 Printable Label Holder; 2 Velcro Straps; 2 Rear Cable Management Bracket/Bar, 1 Installation Guide, 1 Ground Wire 12AWG Kit

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Cat5e S/FTP Patch Cords



Cat5e S/FTP RJ45 patch cords, LSZH Black, Moulded

Part Number	Length	Cable	Standards/Ratings
J71.74002NH.RJ45M-M-0,5	0,5m	Belden 74002NH*	Halogen free: IEC 60754-2
J71.74002NH.RJ45M-M-1,0	1m		
J71.74002NH.RJ45M-M-3,0	3m		Oil resistant: IEC 60811-2-1
J71.74002NH.RJ45M-M-5,0	5m		
J71.74002NH.RJ45M-M-10,0	10m		
			Flame propagation: IEC 60332-1
			Operating Temperature -40 to +80 °C

High-flex Cat5e S/FTP RJ45 patch cords, HFFR-PUR Black, Moulded

Part Number	Length	Cable	Standards/Ratings
J71.74003PU.RJ45M-M-0,5	0,5m	Belden 74003PU*	Halogen free: IEC 60754-2
J71.74003PU.RJ45M-M-1,0	1m		
J71.74003PU.RJ45M-M-3,0	3m		Oil resistant: IEC 60811-2-1
J71.74003PU.RJ45M-M-5,0	5m		
J71.74003PU.RJ45M-M-10	10m		
			Flame propagation FT-2 UL AWM 20549
			Maximum pulling tension 80 N
			Minimum setting bending radius 35 /70 mm

Patch cords are terminated, moulded and tested in South Africa. Allow 7-10 working days delivery if stock is unavailable in your required length. If straight cable is unavailable, a suitable alternative will be recommended.

Cat7 IS/FTP Patch Cords



High-flex Cat7 IS/FTP RJ45 patch cords, HFFR-PUR Black, Moulded

Part Number	Length	Cable	Standards/Ratings
J71.74005PU.RJ45M-M-0,5	0,5m	Belden 74005PU*	Halogen free: IEC 60754-2
J71.74005PU.RJ45M-M-1,0	1m		
J71.74005PU.RJ45M-M-3,0	3m		Oil resistant: IEC 60811-2-1
J71.74005PU.RJ45M-M-5,0	5m		
J71.74005PU.RJ45M-M-10	10m		
			Flame propagation FT-2 UL AWM 20549
			Maximum pulling tension 80 N
			Operating Temperature -20 to +80 °C

Patch cords are terminated, moulded and tested in South Africa. Allow 7-10 working days delivery if stock is unavailable in your required length. If straight cable is unavailable, a suitable alternative will be recommended.

Datatuff® Profinet®



70006E



70007E



J00026A2001



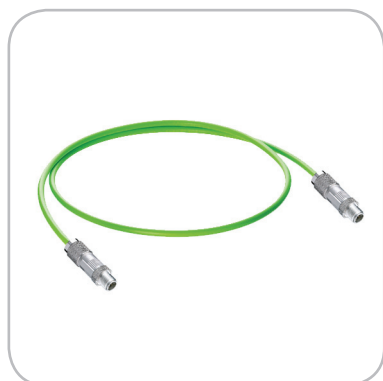
0986 EMC 102

Part No.	Data Rates	Category	Additional Features/ Ratings
Category 5e • 2 Pair (Quad) • Shielded • PVC Outer Jacket • Green			
70006E			Heavy Shielded, 300 V UL AWM 2464, Oil Resistant, Flame Retardant
7960A	100 Mb/s	Cat 5e	Heavy Shielded, Oil Resistant, Sunlight Resistant, PLTC listed, 600 V AWM, C(UL) CMG FT4, IEEE1202/383, VW-1 and IEC 60332-1-2 Flame Ratings
Category 5e • 2 Pair (Quad) • Shielded • LSZH Outer Jacket • Green			
70006NH	100 Mb/s	Cat 5e	Heavy Shielded, 300 V UL AWM 21286, Sunlight and Oil Resistant , VDE 60811-2-1, Flame Retardant
Category 5e • 2 Pair (Quad) • Shielded • PVC Outer Jacket • Green			
70007E			Heavy Shielded, 300 V UL AWM 2464, Oil Resistant , Flame Retardant
7961A	100 Mb/s	Cat 5e	Heavy Shielded, Oil Resistant , Sunlight Resistant, PLTC listed, 600 V AWM, C(UL) CMG FT4, IEEE1202/383, VW-1 and IEC 60332-1-2 Flame Ratings
Category 5e • 2 Pair (Quad) • Shielded • LSZH Outer Jacket • Green			
70007NH	100 Mb/s	Cat 5e	Heavy Shielded, 300 V UL AWM 21286, Sunlight and Oil Resistant , Flame Retardant
Category 5e • 2 Pair (Quad) • Shielded • PUR Outer Jacket • Green			
70007PU	100 Mb/s	Cat 5e	Heavy Shielded, 300 V UL AWM 21286, Sunlight and Oil Resistant , Flame Retardant
Category 5e • 2 Pair (Quad) • Shielded • PUR Outer Jacket • Green			
70008PU			5 Million Continuous, Flex Cycles, Trailing, 300 V UL AWM 20549, Sunlight and Oil Resistant, Flame Retardant FT2, Halogen Free, AWM 20549
70009PU	100 Mb/s	Cat 5e	2 Million Continuous, Flex Cycles, Torsion, 300 V UL AWM 20549, Sunlight and Oil Resistant, Weldsplatter Resistant, Flame Retardant FT2, Halogen Free, AWM 20549
Category 5e • 2 Pair (Quad) • Shielded • TPE Outer Jacket • Green			
7962A	100 Mb/s	Cat 5e	5 Million Continuous, Flex Cycles, Trailing, heavy Shielded, Sunlight and Oil Resistant, Weldsplatter Resistant, CMX Outdoor, PLTC listed, 600 V AWM, C(UL) CM, FT1 flame ratings
		Part Number	Description/Features/Ratings
		JCCOTM8W8PSC2*	8 Pin Cat6/6A RJ45 plug, shielded for large OD cable 7.5mm
		JCCOTMRJ45BGR7*	RJ45 Boot grey, 7mm O.D
		J00026A2001*	8 Pin Cat6A RJ45 Field mount plug, shielded, suitable for Cat6A, Cat7 and Profinet cables
			Termination: Tool less
		0986 EMC 102	M12 4Pin cable mount plug, D coding for Industrial Ethernet

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

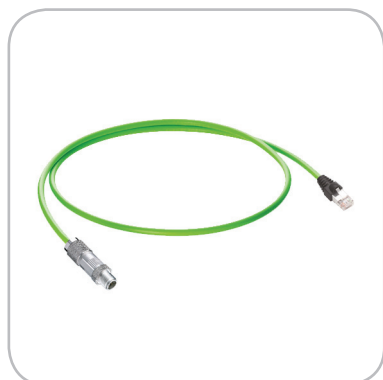
*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Profinet® Patch Cords



Profinet Cat5e M12-M12 flex patch cord, PVC Green

Part Number	Length	Cable	Standards/Ratings
J71.70007E.M12-M12-0,5M	0,5m	Belden 70007E	Flame resistance: IEC 60332-1
J71.70007E.M12-M12-1M	1m		
J71.70007E.M12-M12-2M	2m		Oil resistance: IEC 60811-2-1
J71.70007E.M12-M12-3M	3m		
J71.70007E.M12-M12-5M	5m		Operating Temperature -20 to +80 °C
J71.70007E.M12-M12-10M	10m		



Profinet Cat5e RJ45-M12 flex patch cord, PVC Green

Part Number	Length	Cable	Standards/Ratings
J71.70007E.RJ45-M12-0,5M	0,5m	Belden 70007E	Flame resistance: IEC 60332-1
J71.70007E.RJ45-M12-1M	1m		
J71.70007E.RJ45-M12-2M	2m		Oil resistance: IEC 60811-2-1
J71.70007E.RJ45-M12-3M	3m		
J71.70007E.RJ45-M12-5M	5m		Operating Temperature -20 to +80 °C
J71.70007E.RJ45-M12-10M	10m		



Profinet Cat5e RJ45 flex patch cord, PVC Green

Part Number	Length	Cable	Standards/Ratings
J71.70007E.RJ45M-M-0,5M	0,5m	Belden 70007E	Flame resistance: IEC 60332-1
J71.70007E.RJ45M-M-1M	1m		
J71.70007E.RJ45M-M-2M	2m		Oil resistance: IEC 60811-2-1
J71.70007E.RJ45M-M-3M	3m		
J71.70007E.RJ45M-M-5M	5m		Operating Temperature -20 to +80 °C
J71.70007E.RJ45M-M-10M	10m		

Patch cords are terminated, moulded (where applicable) and tested in South Africa. Allow 7-10 working days delivery if stock is unavailable in your required length. If straight cable is unavailable, a suitable alternative will be recommended.

Profibus PA Cables

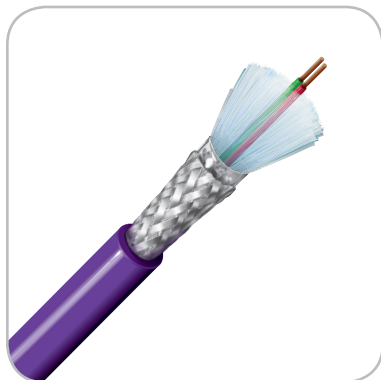


3076F (Blue)

Stranded (7 x 26) TC Conductors • Polyolefin Insulation • TC Drain Wire • Blue jacket

Part No.	Shielding	Sheath	Additional Features
3076F	Overall Beldfoil®		PLTC/ITC-ER, CMG, CMX-Outdoor, CEC: CMG FT4, Sunlight Res, Oil Res, IEC 60332-3-24 Cat C
70200E		PVC	30 V UL AWM 2464, IEC 60332-1 • IEC 61158-2
70001E	Overall Beldfoil® + 85% Braid		30 V UL AWM 20276, IEC 60332-1
70110E	Overall Beldfoil® + 70% Braid		IEC 60332-1 • IEC 61158-2, UL 1581 • 30 V UL AWM 2464
3076ENH	Overall Beldfoil®		NEC: CM • CEC: CM
70200NH		LSNH	30 V UL AWM 20851, IEC 60332-1 • IEC 61158-2
70001NH	Overall Beldfoil® + 85% Braid		30 V UL AWM 20851, IEC 60332-1

Profibus DP Cables



3079A

22 AWG (.322 mm²) • Solid BC Conductors • 1 Pair • Violet outer jacket

Part No.	Shielding	Sheath	Additional Features
3079A			NEC: CMG • CEC: CMG FT4, UL PLTC, Sunlight Res, Siemens Sinec L2 cable, UL AWM 20201 (600 V, +75 °C)
70101E	Overall Beldfoil® + 65% Braid	PVC	30 V UL AWM 20276, IEC 60332-1 • IEC 61158-2
70103E			Fast Connect, 30 V UL AWM 20276, IEC 60332-1 • IEC 61158-2
3079ANH		LSNH	IEC 60332-3-24
70101NH			30 V UL AWM 20851, IEC 60332-1 • IEC 61158-2
70101PE		PE	Outdoor, IEC 61158-2

22 AWG (.352 mm²) • Stranded (7 x 30) BC Conductors • 1 Pair • Violet outer jacket

Part No.	Shielding	Sheath	Additional Features
3079E	Overall Beldfoil® + 65% Braid	PVC	NEC: CMG • CEC: CMG FT4, UL PLTC, Sunlight Res, UL AWM 20201 (600 V, +75 °C)
70102E			30 V UL AWM 20276, IEC 60332-1 • IEC 61158-2

24 AWG (.239 mm²) • Stranded (19 x 36) BC Conductors • 1 Pair • Violet outer jacket

Part No.	Shielding	Sheath	Additional Features
70105PU	Overall Beldfoil® + 70% Braid	PUR	2 Million Continuous Flex Cycles, Trailing, 30V UL AWM 21292, IEC 61158-2



0976 PMC 501



0976 PMC 101
0976 PFC 101

Part Number	Description/Features/Ratings
0976 PMC 501	Belden PROFIBUS Connector 9 Pin D-Sub male, 90° cable entry, switch-on terminating resistor, assembled with screw terminals
6ES7972-0BA52-0XA0*	Siemens PROFIBUS Connector 9 Pin D-Sub male, 90° cable entry – IPCD technology fast connect, assembled with screw terminals
0976 PMC 101*	M12 5pin Male Profibus Cable Connector, B Coded
0976 PFC 101*	M12 5pin Female Profibus Cable Connector, B Coded

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Profibus® DP Patch Cords



Profibus D-Sub male to M12 female flex patch cord, PVC Violet

Part Number	Length	Cable	Standards/Ratings
J71.70102E.DSUB.M12F-0,5M	0,5m	Belden 70102E	Flame resistance: IEC 60332-1-2
J71.70102E.DSUB.M12F-1M	1m		
J71.70102E.DSUB.M12F-3M	3m		Operating Temperature -40 to +70 °C
J71.70102E.DSUB.M12F-5M	5m		
J71.70102E.DSUB.M12F-10M	10m		



Profibus D-Sub male to M12 male flex patch cord, PVC Violet

Part Number	Length	Cable	Standards/Ratings
J71.70102E.DSUB.M12M-0,5M	0,5m	Belden 70102E	Flame resistance: IEC 60332-1-2
J71.70102E.DSUB.M12M-1M	1m		
J71.70102E.DSUB.M12M-3M	3m		Operating Temperature -40 to +70 °C
J71.70102E.DSUB.M12M-5M	5m		
J71.70102E.DSUB.M12M-10M	10m		



Profibus M12 male to female flex patch cord, PVC Violet

Part Number	Length	Cable	Standards/Ratings
J71.70102E.M12.M-F-0,5M	0,5m	Belden 70102E	Flame resistance: IEC 60332-1-2
J71.70102E.M12.M-F-1M	1m		
J71.70102E.M12.M-F-3M	3m		Operating Temperature -40 to +70 °C
J71.70102E.M12.M-F-5M	5m		
J71.70102E.M12.M-F-10M	10m		

Patch cords are terminated and tested in South Africa. Allow 7-10 working days delivery if stock is unavailable in your required length. If straight cable is unavailable, a suitable alternative will be recommended.

Foundation Fieldbus Type A



3076F

Stranded (7 x 26) TC Conductors • Polyolefin Insulation • Beldfoil® Shielding • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
3076F	18	300	1	PLTC/ITC-ER, CMG, CMX-Outdoor, CEC: CMG FT4, Sunlight and Oil Resistant, 60332-3-24 Cat C

Stranded (7 x 26) TC Conductors • Polyolefin Insulation • Beldfoil® Shielding • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
3076ENH	18	300	1	NEC: CM • CEC: CM

Stranded (7 x 26) TC Conductors • Polyolefin Insulation • TC Drain Wire • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
1327A			2	
1328A			5	
1329A			8	
1330A	18	300	12	PLTC/ITC-ER CMG CMX-Outdoor CEC: CMG FT4 Sunlight and Oil Resistant IEC 60332-3-24 (Cat C)
1331A			16	
1332A			20	
1333A			24	
1359A			50	

Stranded (7 x 26) TC Conductors • Polyolefin Insulation • TC Drain Wire • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
1334A	18	300	1	PLTC/ITC-ER CMG, CMX-Outdoor CEC: CMG FT4 Sunlight and Oil Resistant IEC 60332-3-24 (Cat C)

Foundation Fieldbus Type B



3077F

Stranded (7 x 30) TC Conductors • Polyolefin Insulation • TC Drain Wire • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
3077F	22	300	1	FOUNDATION Fieldbus Type B NEC: PLTC/ITC CM • CEC: CM FT1 Sunlight and Oil Resistant

Stranded (7 x 30) TC Conductors • Foam High-Density Polyethylene Insulation • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
3078F	22	300	1	FOUNDATION Fieldbus High Speed NEC: CM • CEC: CM Sunlight and Oil Resistant

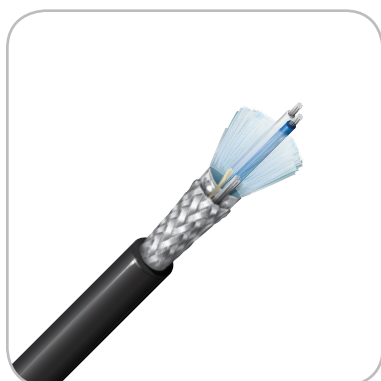
Stranded (7 x 30) TC Conductors • Polyolefin Insulation • TC Drain Wire • Orange

Part No.	AWG	Voltage	Pairs	Additional Features / Ratings
3077ENH	22	300	1	FOUNDATION Fieldbus Type B NEC: PLTC/ITC CM • CEC: CM FT1

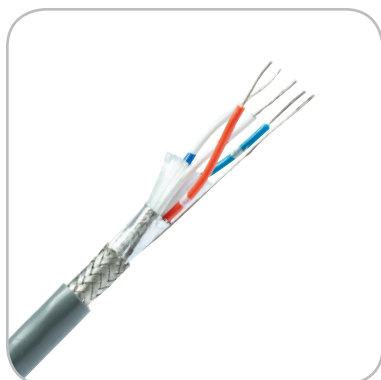
To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

CANopen RS-485



3105A



9842

Part No.	Pairs	Additional Features / Ratings
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120 Ohm Impedance • RS-232 and RS-485

24 AWG (41x40) BC Conductors • Foam Polyethylene Insulation with Skin • Green

7200A	1
7201A	2
7202A	3
7203A	4

Oil Res II, High-flex

24 AWG • Polyethylene/PVC

Stranded (7x32) TC Conductors • Polyethylene Insulation • Overall Beldfoil® • Grey

9841	1
9842	2
9843	3
9843	4

NEC: CM • CEC: CM, UL AWM Style 2919, (30 V, +80 °C), ANSI E1.11 DMX512, 120 Ω Nom. Impedance, 66% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω /km)

24 AWG • Polyethylene/LSNH

Stranded (7x32) TC Conductors • Polyethylene Insulation • Overall Beldfoil® • Grey

9841NH	1
9842NH	2
9843NH	3
9844NH	4

IEC332-3-24, ANSI E1.11 DMX512, 120 Ω Nom. Impedance, 66% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω /km).

22 AWG (7x30) Stranded TC Conductors • Datalene® Insulation • Overall Beldfoil® • Black

3105A	1
3106A	1.5
3107A	2
3108A	3
3109A	4

NEC CM • CEC CM FT1, UL PLTC, Sunlight Res, Oil Res II, 300 V, 3015A and 3107A are DMX512 Type, 3106A: Single conductor is under the braid shield; pair is under the Beldfoil® shield, Also available with CPE jacket

InterConnect Cables



9729

Part No.	Pairs	Additional Features / Ratings
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24 AWG • Datalene®/PVC

24 AWG (7x32) TC Conductors • Datalene Insulation • Individually Beldfoil® Shielded • Grey

9729	2
9730	3
9728	4

UL AWM Style 2493 (300 V, +60 °C)
100 Ω Nom. Impedance
76% Velocity of Prop.
Conductor DCR (Nom): 24.0 Ω/1000' (78.7 Ω/km)

22 AWG • Polypropylene/PVC

22AWG (7x30) TC Conductors • Polypropylene Insulation • Individually Beldfoil® • Grey

8723	2
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NEC: CM • CEC: CM
300 V, +60 °C
45 Ω Nom. Impedance
66% Velocity of Prop.
Conductor DCR (Nom): 14.7 Ω/1000' (48.2 Ω/km)

18 AWG • Polyethylene/PVC

18AWG (19x30) TC Conductors • Polyethylene Insulation • Overall Beldfoil® Shield • Grey

8760	1
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NEC: CM • CEC: CM
UL AWM Style 2092 (300 V, +60 °C)

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Devicebus® for ODVA Devicenet™

Part
No.

Pairs

Additional Features / Ratings



3082A



3084A



3085A

15 (19 x 28) and 18 (19 x 30) AWG Stranded TC Conductors • Grey

7897A	2, 1 pair data, 1 pair power	ODVA Class 1 Thick, High Velocity, 600 V, UL TC-ER, Sunlight Res, Oil Res
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16 (19 x 29) and 18 (19 x 30) AWG Stranded TC Conductors • Grey

7896A	2, 1 pair data, 1 pair power	ODVA Class 1 Cable V, 600 V, UL TC-ER, Sunlight Res, Oil Res
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16 (19 x 29) and 18 (19 x 30) AWG Stranded TC Conductors • Grey

7900A	2 1 pair data, 1 pair power	ODVA Class 1 Cable IV, Drop Cable, 600 V, UL TC-ER, CEC: FT1, Sunlight Res, Oil Res
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15 (19 x 28) and 18 (19 x 30) AWG Stranded TC Conductors • Grey

3082A	2 1 pair data, 1 pair power	ODVA Class 2 Thick, 300 V, NEC: CMG • CEC: CMG FT4, C(UL) AWM I/II A, UL AWM 20201 (600 V), UL PLTC-ER, Sunlight Res, Oil Res
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15 (65 x 33) and 18 (65 x 36) AWG Stranded TC Conductors • Grey

3082F	2 1 pair data, 1 pair power	ODVA Class 2 Thick, 300 V, High Flex, NEC: CMG • CEC: CMG FT4, C(UL) AWM I/II A, UL AWM 20201 (600 V), UL PLTC-ER, Sunlight Res, Oil Res
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16 AWG (19 x 29) and 20 AWG (19 x 32) Stranded TC Conductors • Grey

3086A	2 1 pair data, 1 pair power	Mini Cable, Trunk, NEC: CL2, UL AWM 2464 (30 V, +60 °C), CSA AWM I/II A FT1
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22 AWG (19 x 34) Stranded TC Conductors • TC Drain Wire • Grey

3087A	2 1 pair data, 1 pair power	Micro Cable, Drop, NEC: CL2, UL AWM 2464 (30 V, +60 °C), CSA AWM I/II A FT1
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22 AWG (154 x 44) and 24 AWG (105 x 44) Stranded TC Conductors • Grey

1346F	2 1 pair data, 1 pair power	Class 2 Thin, 300 V, 300 V, NEC: CMG FT4, Sunlight Res, Oil Res I, Weldsplatter Resistant, C(UL) AWM I/II A
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15 (19 x 28) and 18 (19 x 30) AWG Stranded TC Conductors • Yellow

3083A	2 1 pair data, 1 pair power	ODVA Class 2 Thick, 300 V, NEC: CMG • CEC: CMG FT4, UL PLTC, Sunlight Res, Oil Res
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22 (19 x 34) and 24 (19 x 36) AWG Stranded TC Conductors • Grey

3084A	2 1 pair data, 1 pair power	ODVA Class 2 Thin, 300 V, NEC: CMG CL2 • CEC: CMG FT4, C(UL) AWM I/II A, Sunlight Res, Oil Res
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22 (155 x 44) and 24 (105 x 44) AWG Stranded TC Conductors • Grey

3084F	2 1 pair data, 1 pair power	Class 2 Thin, 300 V, High Flex, NEC: CMG CL2 • CEC: CMG FT4, C(UL) AWM I/II A, Sunlight Res, Oil Res
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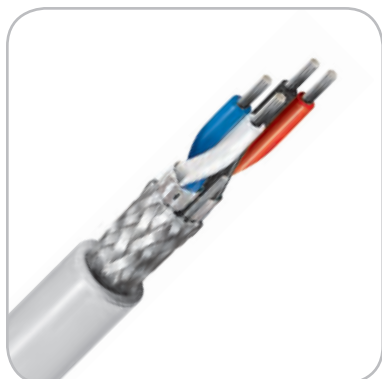
22 (19 x 34) and 24 (19 x 36) AWG Stranded TC Conductors • Yellow

3085A	2 1 pair data, 1 pair power	ODVA Class 2 Thin, 300 V, NEC: CL2 CMG • CEC: CMG FT4, Sunlight Res, Oil Res
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To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Devicebus® for ODVA Devicenet™



7895A

Part No.	Pairs	Additional Features / Ratings
20 (19 x 32) and 18 AWG (19 x 30) Stranded TC Conductors • Grey		
7895A	2 1 pair data, 1 pair power	OVDA Class 2 Cable III, 300 V, NEC: CMG • CEC: CMG FT4, UL AWM 20201 (600 V), UL PLTC, Sunlight Res, Oil Res
18 AWG (16 x 30) and 22 (7 x 30) Stranded TC Conductors • Orange		
3124A	2	Seriplex CBL 1822-P18, NEC: CL2 CM • CEC: CM, UL AWM 20201 (600 V, +75 °C)
16 AWG (16 x 30) and 22 (7 x 30) Stranded TC Conductors • Orange		
3125A	2	Seriplex CBL 1622-P1, NEC: CL2 CM • CEC: CM, 300 V, + 75 °C
12 AWG (65 x 30), 16 AWG (26 x 30) and 22 (7 x 30) Stranded TC Conductors • Orange		
3126A	3	Seriplex CBL 162212-P16, NEC: CL2 CM • CEC: CM, 300 V, +75 °C
18 AWG (7 x 26) and 24 (7 x 33) Stranded TC Conductors • Green		
3119A	3 Cond. power, 3 pair data	UL AWM 20333 (300 V, +80 °C)
Stranded 24 AWG (7 x 32) TC Conductors • PE Insulation • Green		
3120A	3 pair	UL AWM 20333 (300 V, +80 °C)

ControlNet™ - ControlBus™ & Modbus II - RG6 Coaxial



3092A

Part No.	Additional Features / Ratings
18 AWG Solid BC-Covered Steel Conductor • Foam Polyethylene Insulation • Black	
3092A	Impedance: 75 Ω, NEC: CMR CL2R • CEC: CMG FT4
20 AWG Stranded (105 x 40) BC Conductor • Foam Polyethylene Insulation • Black	
3092F	High Flex, Impedance: 75 Ω, RG-6/U Type, NEC: CMR CL2R • CEC: CMG FT4, IEEE 802.4 MAP/IEEE 802.7 Mini-MAP
18 AWG Solid BC-Covered Steel Conductor • Foam FEP Insulation • Black	
3093A	Plenum Rated, Impedance: 75 Ω, NEC: CMP • CEC: CMP FT6
14 AWG Solid BC-Covered Steel Conductor • Duobond® IV* Quad Shielding • Grey	
3094A	Impedance: 75 Ω, RG-11/U Type, NEC: CMR CLR2 • CEC: CMG FT4, IEEE 802.4 MAP

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Controlbus™ Blue Hose® Industrial Twinax



9463

Part No.	Voltage	Additional Features / Ratings
20 AWG Stranded (7 x 28) TC Conductors • Polyethylene Insulation • Various colours		
9463	300 V	NEC: CM CL2 • CEC: CM, UL AWM 2464, MSHA Approved*
20 AWG Stranded (42 x 36) TC Conductors • Polyethylene Insulation • Blue		
9463F	300 V	High Flex, NEC: CM CL2 • CEC: CM, UL AWM 2464, MSHA Approved*
20 AWG Stranded (42 x 36) TC Conductors • Polyethylene Insulation		
9463NH	300V	IEC 60332-3-24

Controlbus™ Twinax



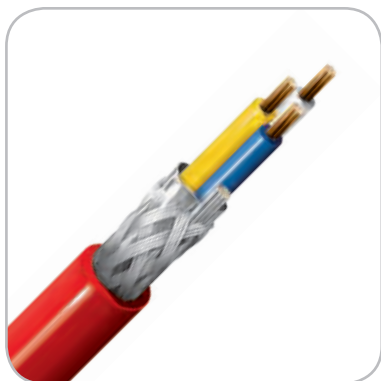
9207

Part No.	Voltage	Additional Features / Ratings
20 AWG Stranded (7 x 28) TC Conductors • Polyethylene Insulation • Blue		
9272	78	Impedance: 78 Ω, NEC: CM • CEC: CM, UL AWM Style 2092 (300 V, +60 °C)
19 AWG Stranded (7 x 25) BC Conductors • Polyethylene Insulation • Black		
9250	95	Impedance: 95 Ω, RG-22B/U type, VW-1, One Conductor Has Tinned Center Strand
20 AWG Stranded (7 x 28) One TC, One BC Conductors • Polyethylene Insulation • Black		
9207	100	Impedance: 100 Ω, NEC: CMG CL2 • CEC: CMG FT4
25 AWG Stranded (7 x 33) TC Conductors • Polyethylene Insulation • Blue		
9271	124	Impedance: 124 Ω, NEC: CM • CEC: CM, UL AWM 2092 (300 V, + 60 °C)
16 AWG Solid BC Conductors, Foam Polyethylene Insulation • Black		
9860	124	Impedance: 124 Ω, NEC: CMX • CEC: CMX, UL AWM 2448 (30 V, + 60 °C), VW-1
22 AWG Stranded (19 x 34) TC Conductors • Datalene® Insulation • Black		
9182	150	Impedance: 150 Ω, NECL2X CMX • CEC: CMX, UL AWM 2668 (30 V, + 60 °C), VW-1
22 AWG Stranded (19 x 34) TC Conductors • Datalene® Insulation • Black		
9182NH	150	IEC 60332-3-24
22 AWG Stranded (19 x 34) TC Conductors • Datalene® Insulation • Black		
9182LS	150	IEC 60332-3-24

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

CC Link	Part No.	Pairs	Additional Features / Ratings
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1384A

20 AWG (7 x 28) Stranded BC Conductors • Red

1348A	3 Cond.	3 Conductor, 300 V NEC: CM • CEC: CM
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20 AWG Stranded (42 x 36) TC Conductors • Polyethylene Insulation • Red

1349A	3 Cond. Data 2 Cond.Power	5 Conductor, 300 V NEC: CM • CEC: CM
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Datatrax® 600 V Twinaxial	Part No.	Impedance (Ohm)	Additional Features / Ratings
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3072F

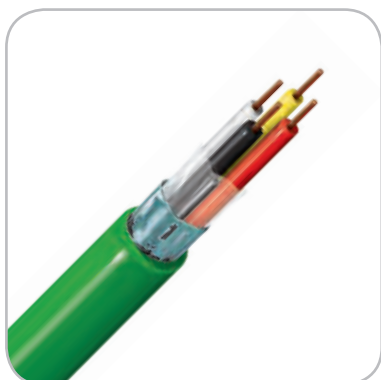
18 AWG Stranded (7 x 26) TC Conductors • Blue

3072F	78	Impedance: 78 Ω, NEC: CMG, ITC, TC, PLTC • CEC: CMG FT4, UL TC, MSHA Approved**
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3073F	100	Impedance: 100 Ω, NEC: CMG, ITC, TC, PLTC • CEC: CMG FT4, UL TC
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3074F	124	Impedance: 124 Ω, NEC: CMG, ITC, TC, PLTC • CEC: CMG FT4, UL TC
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KNX/EIB Approved Cables	Part No.	Pairs	Applicable Standard(s)
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YE00820

0.8 mm (0.5 mm or AWG 20)

Solid BC • PVC Insulation • 100% Foil Screen • Green PVC Jacket

YE00819	1	EN 50090, CEN/TC, 247
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YE00820	2	EN 50090, CEN/TC, 247
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Solid BC • PE Insulation • 100% Foil Screen • Green LSNH Jacket

YE00905	1	IEC 60189-2, IEC 60332-1
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YE00906	2	IEC 60189-2, IEC 60332-1
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To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Modbus for RS-232



8777

Part No.	Pairs	Additional Features / Ratings
22 AWG • Polypropylene		
Stranded (7 x 30) TC Conductors • Polypropylene Insulation • TC Drain Wire • Grey		
8777	3	NEC: CM CL2 • CEC: CM, UL AWM 2419, (30 V, + 80 °C)
Stranded (7 x 30) TC Conductors • Polypropylene Insulation • Grey		
8777NH	3	IEC 60332-3-24
Stranded (7 x 30) TC Conductors • Polypropylene Insulation • Grey		
8777LS	3	IEC 60332-3-24

LonWorks



7702NH

Part No.	Pairs	Additional Features / Ratings
Unshielded • White sheath		
7701NH	1	Flame Resistance
7702NH	2	IEC 60332-3C or -24
Overall Beldfoil® Shield • White sheath		
7703NH	1	Flame Resistance
7704NH	2	IEC 60332-3C or -24

Coaxial Ethernet



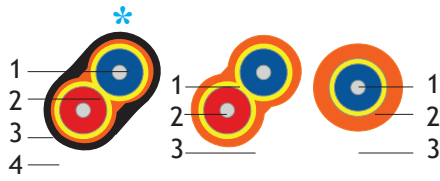
9907

Part No.	AWG	Additional Features / Ratings
Stranded (19 x 32) TC Conductor • Foam Polyethylene Insulation • Light Grey		
9907	20	Impedance: 50 Ω, RG-58 Type, NEC: CM CL2 • CEC: CM, UL AWM Style 1354 (30 V, +60 °C)
Stranded (19 x 32) TC Conductor • Foam FEP Insulation • Light Grey		
89907	20	RG-58A/U Type, Plenum Rated, Impedance: 50 Ω, NEC: CMP CL2P • CEC: CMP FT6, Outdoor and Direct Burial
Solid BC Conductor • Foam Polyethylene Insulation • Yellow		
9880	12	Impedance: 50 Ω, NEC: CM CL2 • CEC: CM, UL AWM Style 1478 (30 V, +60 °C)
Solid BC Conductor • Foam FEP Insulation • Duobond IV* Quad Shielding • Orange		
89880	12	Plenum Rated, Impedance: 50 Ω, NEC: CMP CL2P • CEC: CMP FT6, Outdoor and Direct Burial

To apply additional armouring and sheathing add the following to the part number (e.g. 7929ASWA)

*SWA *APL *SWAHFFR *APLHFFR *SWALHCL *APLLHCL *PEBK *SWAPEBK

Simplex and Duplex Fibreoptic Patch Cables

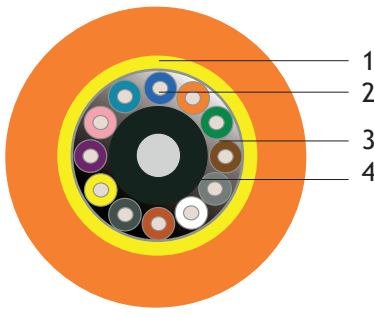


Fibre Type/Count:	Part Number:
Simplex *SM 10/125um	J61SMSIMLSYE
Simplex *MM 50/125um	J61MMSIM5LSOR
Simplex *MM 62.5/125um	J61MMSIM6LSOR
Duplex *SM 10/125um	J61SMDUPLSYE
Duplex *MM 50/125um	J61MMDUP5LSOR
Duplex *MM 62.5/125um	J61MMDUP6LSOR

Construction:
1. Aramid strength member
2. Easy strip tight buffered fibre μ
3. Orange LSZH sheath
4. Black Ruggedized LSZH sheath

* Add "R" to part number for Ruggedized version.

Distribution Cable – Tight Buffered – Indoor Applications

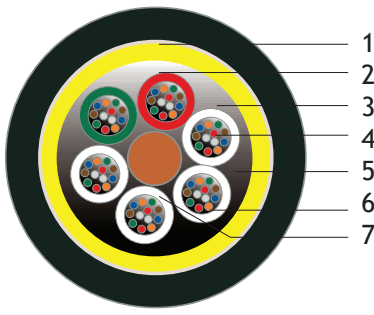


Fibre Type/Count:	Part Number:
4 Fibre *SM 10/125um	J61SMDC04RLSZH
4 Fibre *MM 50/125um	J61MMDC04RLSZH
6 Fibre *SM 10/125um	J61SMDC06RLSZH
6 Fibre *MM 50/125um	J61MMDC06RLSZH
8 Fibre *SM 10/125um	J61SMDC08RLSZH
8 Fibre *MM 50/125um	J61MMDC08RLSZH
12 Fibre *SM 10/125um	J61SMDC12RLSZH
12 Fibre *MM 50/125um	J61MMDC12RLSZH
24 Fibre *SM 10/125um	J61SMDC24RLSZH
24 Fibre *MM 50/125um	J61MMDC24RLSZH
36 Fibre *SM 10/125um	J61SMDC36RLSZH
36 Fibre *MM 50/125um	J61MMDC36RLSZH

Construction:
1. Non-halogenated outer sheath (LSZH).
2. Aramid strength member.
3. Individually colour coded tight buffered fibres.
4. Central member included when required.

"Distribution" cables are compact tight buffered cables specially designed for a wide variety of in-building and inter-building connections. They will tolerate vertical installation and can support their own weight for considerable drops, making them ideal for risers.

Heavy Duty Duct Cable - Loose Tube - Outdoor Applications

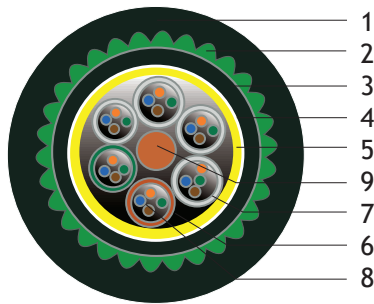


Fibre Type/Count:	Part Number:
4 Fibre *SM 10/125um	J61SMHDD04BK
4 Fibre *MM 50/125um	J61MMHDD04BK
08 Fibre *SM 10/125um	J61SMHDD08BK
08 Fibre *MM 50/125um	J61MMHDD08BK
12 Fibre *SM 10/125um	J61SMHDD12BK
12 Fibre *MM 50/125um	J61MMHDD12BK
24 Fibre *SM 10/125um	J61SMHDD24BK
24 Fibre *MM 50/125um	J61MMHDD24BK

Construction:
1. Polyethylene water resistant sheath.
2. Core binder.
3. Aramid strength member.
4. Interstitial water blocking material.
5. Gel filled loose tubes.
6. Colour coded fibres.
7. GRP centre strength member.

(48, 72, 96 Fibre counts also available in Singlemode and Multimode on special request.)

CST Armoured Cable - Heavy Duty Duct - Loose Tube - Direct Burial Applications



Fibre Type/Count:	Part Number:
4 Fibre *SM 10/125um	J61SMHDDCST04BK
4 Fibre *MM 50/125um	J61MMHDDCST04BK
08 Fibre *SM 10/125um	J61SMHDDCST08BK
08 Fibre *MM 50/125um	J61MMHDDCST08BK
12 Fibre *SM 10/125um	J61SMHDDCST12BK
12 Fibre *MM 50/125um	J61MMHDDCST12BK
24 Fibre *SM 10/125um	J61SMHDDCST24BK
24 Fibre *MM 50/125um	J61MMHDDCST24BK

Construction:
1. Polyethylene outer sheath.
2. Plastic coated corrugated steel tape armour.
3. Polyethylene bedding sheath.
4. Core binder.
5. Aramid strength member.
6. Interstitial water blocking gel.
7. Gel filled loose tubes.
8. Colour coded fibres.
9. GRP centre strength member.

(48, 72, 96 Fibre counts also available in Singlemode and Multimode on special request.)

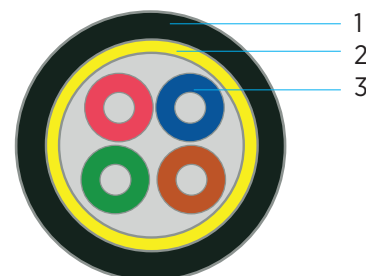
*SM - Singlemode *MM - Multimode

Flexible Tactical Field Deployable Cable – Tight Buffered

Fibre Type/Count:	Part Number:	Construction:
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6 Fibre *SM 9/125/um	J61SMTBFDHY06
12 Fibre *SM 50/125um	J61SMTBFDHY12

1. Special thermoplastic polyester compound.
2. Aramid strength member.
3. Colour coded "easy strip" tight buffered fibres.



*SM - Singlemode

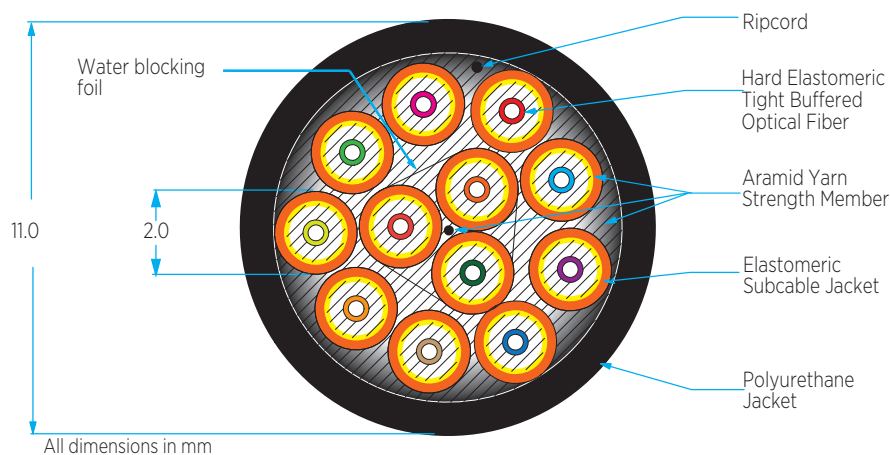
Belden® Flexible Tactical Field Deployable Cable - Breakout Style

Fibre Type/Count:	Part Number:
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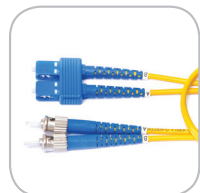
12 Fibre *SM 'Breakout'	YE03244
Construction:	

Cable Specifications
(construction in accordance with IEC 60794)

1. Primary coated optical fibres: $\varnothing 280 \pm 10 \mu\text{m}$.
2. Tight buffered fibres: $\varnothing 0.90 \pm 0.1 \text{ mm}$.
3. Aramid yarns as strength members.
4. Numbered coded thermo polyester elastomer jacket ($\varnothing 2.0 \pm 0.2 \text{ mm}$)
5. The single fiber units are helical stranded, surrounded by water blocking aramide yarns.
6. Polyurethane outer jacket with (polyester) rip cord.



Fiberoptic Patch Cords



Connectors	Part Number				Length (e.g. -1,0)
	OM2 (50/125) Orange	OM3 (50/125) Aqua	OS2 Yellow	OS2/APC Yellow	
LC-LC Duplex	J71MMDULCLC	J71MMDULCLCOM3	J71SMDULCLC	J71SMDULCLCAPC	
SC-SC Duplex	J71MMDUSCSC	J71MMDUSCSCOM3	J71SMDUSCSC	J71SMDUSCSCAPC	-XX
ST-ST Duplex	J71MMDUFCFC	J71MMDUFCFCOM3	J71SMDUFCFC	J71SMDUFCFCAPC	
FC-FC Duplex	J71MMDUFCFC	J71MMDUFCFCOM3	J71SMDUFCFC	J71SMDUFCFCAPC	
Combinations					
SC-LC Duplex	J71MMDUSCLC	J71MMDUSCLCOM3	J71SMDUSCLC	J71SMDUSCLCAPC	
SC-FC Duplex	J71MMDUSCFC	J71MMDUSCFCOM3	J71SMDUSCFC	J71SMDUSCFCAPC	-XX
SC-ST Duplex	J71MMDUSCST	J71MMDUSCSTOM3	J71SMDUSCST	J71SMDUSCSTAPC	
FC-ST Duplex	J71MMDUFCST	J71MMDUFCSTOM3	J71SMDUFCST	J71SMDUFCSTAPC	
Unjacketed Simplex Pigtails					
LC	J71MMUJPTLC	J71MMUJPTLCOM3	J71SMUJPTLC	J71SMUJPTLCAPC	
SC	J71MMUJPTSC	J71MMUJPTSCOM3	J71SMUJPTSC	J71SMUJPTSCAPC	-XX
ST	J71MMUJPTST	J71MMUJPTSTOMA3	J71SMUJPTST	J71SMUJPTSTAPC	
FC	J71MMUJPTFC	J71MMUJPTFCOMA3	J71SMUJPTFC	J71SMUJPTFCAPC	

Industrial Ethernet Switches

Rack-mount Ethernet Switches	Part Number	Description
 <p>IGSW-24040T</p>	IGS-6325-20T4C4X	Industrial L3 20-Port 10/100/1000T + 4-Port Gigabit TP/SFP + 4-Port 10G SFP+ Managed Ethernet Switch.
	IGSW-24040T	Industrial 24-Port 10/100/1000Mbps with 4-Port Shared SFP Managed Gigabit Switch.
	IGS-5225-20T4C2X	Industrial L2+ 20-Port 10/100/1000T + 4-Port TP/SFP Combo + 2-Port 10G SFP+ Managed Ethernet Switch (-40-75 degrees C)
	IGS-5225-16T4S	Industrial L2+ 16-Port 10/100/1000T + 4-Port 100/1000X SFP Managed Ethernet Switch (-40-75 degrees C)
	IGS-5225-24P4S	Industrial L2+ 24-Port 10/100/1000T 802.3at PoE + 4-port shared 100/1000X SFP Managed Switch (-40-75 degrees C)
<p><u>DIN-rail Unmanaged Ethernet Switches</u></p>  <p>IGS-1020TF</p>  <p>ISW-800T</p>  <p>ELA-100</p>	IVC-234GT	Industrial 1-Port BNC/RJ11 to 4-Port Gigabit Ethernet Extender product
	IGS-1020TF	Industrial 8-Port 10/100/1000T + 2 1000X SFP Ethernet Switch (-40-75 degrees C) product
	WGS-803	Industrial 8-Port 10/100/1000T Wall-mount Switch (-10-60 degrees C) product
	IGS-801T	8-Port 10/100/1000T Industrial Gigabit Ethernet Switch (-40-75 degrees C operating temperature) product
	IGS-501T	5-Port 10/100/1000T Industrial Gigabit Ethernet Switch (-40-75 degrees C operating temperature)
	IGS-500T	Compact Industrial 5-Port 10/100/1000T Gigabit Ethernet Switch
	IGS-620TF	Industrial 4-Port 10/100/1000T + 2-Port 100/1000X SFP Ethernet Switch Fast Ethernet Switch
	ISW-800T-M12	Industrial IP67 Rated 8-Port 10/100Mbps M12 Fast Ethernet Switch with Wide Operating Temperature
	ISW-801T	8-Port 10/100TX Industrial Fast Ethernet Switch (-40-75 degrees C operating temperature)
	ISW-800T	Industrial 8-Port 10/100TX Compact Ethernet Switch
	ISW-501T	5-Port 10/100TX Industrial Fast Ethernet Switch (-40-75 degrees C operating temperature)
	ISW-500T	Industrial 5-Port 10/100TX Compact Ethernet Switch
	ISW-511T / ISW-511TS15	4-Port 10/100Base-TX + 1-Port 100Base-FX Industrial Ethernet Switch with Wide Operating Temperature (-40-75 degrees C)
	ISW-511 / ISW-511S15	4-Port 10/100Base-TX + 1-Port 100Base-FX Industrial Fast Ethernet Switch (-10-60 degrees C operating temperature)
	ISW-621 / ISW-621S15	4-Port 10/100Base-TX + 2-Port 100Base-FX Industrial Fast Ethernet Switch (-10-60 degrees C operating temperature)
	ISW-621T / ISW-621TS15	4-Port 10/100Base-TX + 2-Port 100Base-FX Industrial Ethernet Switch with Wide Operating Temperature (-40-75 degrees C)
	ISW-621TF	4-Port 10/100Base-TX + 2-Port 100Base-FX SFP Industrial Ethernet Switch with Wide Operating Temperature
	IVC-2002	4-Port 10/100Base-TX + 1-Port BNC / RJ-11 Industrial Ethernet Extender
	ELA-100	Ethernet Lightning Arrest Box
<p><u>DIN-rail Managed Ethernet Switches</u></p>  <p>IGS-20040MT</p>	WGS-5225-8P2S	Industrial L2+ 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Wall-mount Managed Switch
	WGS-5225-8P2SV	Industrial L2+ 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Wall-mount Managed Switch with LCD touch screen
	WGS-5225-8T2SV	Industrial L2+ 8-Port 10/100/1000T + 2-Port 100/1000X SFP Wall-mount Managed Switch with LCD Touch Screen
	IGS-5225-8P2T2S	L2+ Industrial 8-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T+ 2-Port 100/1000X SFP Managed Ethernet Switch
	IGS-20040MT	L2+ Industrial 16-Port 10/100/1000T + 4 100/1000X SFP Managed Switch (-40-75 degrees C)
	IGS-20160HPT	Industrial 16-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch (-40-75 degrees C)

Industrial Ethernet Switches & Wireless Access Points

DIN-rail Managed Ethernet Switches (Continued)



IGS-5225-4T2S



IGS-20160HPT



WGS-5225-8P2S

Industrial Flat-Type Ethernet



WGS-803

Wireless Access Point



WAP-252N

Part Number	Description
IGS-12040MT	Industrial 8-Port 10/100/1000T + 4-Port 100/1000X SFP Managed Switch (-40-75 Degrees C)
IGS-10080MFT	Industrial 8 100/1000X SFP + 2-Port 10/100/1000T Managed Switch (-40-75 degrees C)
IGS-10020MT	Industrial 8-Port 10/100/1000T + 2 100/1000X SFP Managed Switch (-40-75 degrees C)
IGS-5225-8T2S2X	Industrial L2+ 8-Port 10/100/1000T + 2-Port 100/1000X SFP + 2-Port 10G SFP+ Managed Ethernet Switch (-40-75 degrees C)
IGS-5225-8P2S2X	Industrial L2+ 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP + 2-Port 10G SFP+ Managed Ethernet Switch (-40-75 degrees C)
IGS-5225-8P4S	Industrial L2+ 8-Port 10/100/1000T 802.3at PoE + 4-Port 100/1000X SFP Managed Ethernet Switch (-40-75 degrees C)
IGS-10020HPT	L2+ Industrial 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch with Wide Operating Temperature
IGS-10020PT	Industrial 8-Port 10/100/1000T 802.3af PoE + 2 100/1000X SFP Managed Switch (-40-75 Degrees C)
IGS-5225-4UP1T2S	Industrial L2+ 4-Port 10/100/1000T Ultra PoE + 1-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch
IGS-5225-4T2S	Industrial L2+ 4-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch L2/L4 Managed Gigabit Ethernet Switch
IGS-801M	8-Port 10/100/1000Mbps Managed Industrial Ethernet Switch
IGS-4215-8P2T2S	Industrial 8-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch
IGS-4215-4P4T2S	Industrial 4-Port 10/100/1000T 802.3at PoE + 4-Port 10/100/1000T + 2-Port 100/1000X SFP Managed Switch (-40-75 degrees C)
IGS-4215-4P4T	Industrial 4-Port 10/100/1000T 802.3at PoE + 4-Port 10/100/1000T Managed Switch (-40-75 degrees C)
WGS-5225-8T2SV	Industrial L2+ 8-Port 10/100/1000T + 2-Port 100/1000X SFP Wall-mount Managed Switch with LCD Touch Screen
WGS-5225-8P2SV	Industrial L2+ 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Wall-mount Managed Switch with LCD touch screen
WGS-5225-8P2S	Industrial L2+ 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Wall-mount Managed Switch
WGS-4215-8P2S	Industrial 8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Wall-mount Managed Switch (-40-75 degrees C)
WGS-804HPT	Industrial 8-Port 10/100/1000T Wall-mount Managed Switch with 4-Port PoE+ (-40-75 degrees C)
WGS-4215-8T2S	Industrial 8-Port 10/100/1000T + 2-Port 100/1000X SFP Wall-mount Managed Switch (-40-75 degrees C)
WGS-4215-8T	Industrial 8-Port 10/100/1000T Wall-mount Managed Switch (-40-75 degrees C)
WGS-804HP	8-Port 10/100/1000T Wall Mounted Gigabit Ethernet Switch with 4-Port PoE+
WGS-803	Industrial 8-Port 10/100/1000T Wall-mount Switch (-10-60 degrees C)
WDAP-W7200AC	1200Mbps 802.11ac Dual Band Wall-mount Wireless Access Point
WAP-252N	2.4GHz 802.11n 300Mbps Outdoor Wireless AP (IP67, 802.3af/at PoE, 2 x N-Type Connector)
WAP-552N	5GHz 802.11a/n 300Mbps Outdoor Wireless AP (IP67, 802.3af/at PoE, 2 x N-Type Connector)

Industrial Ethernet Switches & Gateways

EN50155 Ethernet Switches



IGS-5227-4MP2MT



IGS-5226-4P2T

Modbus Gateway



IMG-120T

Industrial Wireless and Cellular Gateway



ICG-2420-LTE

DIN-rail Power Suppliers



Part Number	Description
IGS-5227-6MT-X	Industrial IP67-rated 6-Port 10/100/1000T M12 Managed Ethernet Switch (-40-75 degrees C, X-coded M12)
IGS-5227-6MT	Industrial IP67-rated 6-Port 10/100/1000T M12 Managed Ethernet Switch (-40-75 degrees C, A-coded M12)
IGS-5227-6T	Industrial IP67-rated 6-Port 10/100/1000T Managed Ethernet Switch (-40-75 degrees C)
IGS-5227-4MP2MT	Industrial IP67 Rated 4-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Managed Ethernet Switch
IGS-5226-4P2T	Industrial EN50155 4-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Managed Ethernet Switch(-40-75 degrees C)
IGS-604HPT-RJ	Industrial IP67-rated 4-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Managed Ethernet Switch (-40-75 degrees C)
IGS-604HPT-M12	Industrial IP67 Rated 4-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T Managed Ethernet Switch(-40-75 degrees C)
ISW-800T-M12	Industrial IP67 Rated 8-Port 10/100Mbps M12 Fast Ethernet Switch with Wide Operating Temperature
ISW-804PT-M12	Industrial IP67 Rated 8-Port 10/100Mbps M12 Fast Ethernet PoE Switch with Wide Operating
IMG-120T	Industrial 2-port RS422/485 Modbus Gateway
IMG-110T	Industrial 1-port RS422/485 Modbus Gateway
ICG-2420G-LTE	Industrial 4G LTE Cellular Gateway with 4-Port 10/100TX (2-SIM Card Slot, 2 RS232, 1 RS485, DI/DO, GPS, -20-70 degrees C)
ICG-2420-LTE	Industrial 4G LTE Cellular Gateway with 4-Port 10/100TX (2 SIM Card Slots, 2 RS232, 1 RS485, DI/DO, -20-70 degrees C)
PWR-40-24	24V DC Single Output Industrial DIN Rail Power Supply Units
PWR-60-24	
PWR-75-24	
PWR-120-48	48V DC Single Output Industrial DIN Rail Power Supply Units
PWR-240-48	
PWR-480-48	
PWR-75-48	

Media Converters & SFP Transceivers



GTP-805A



IGTP-805AT



XT-705A



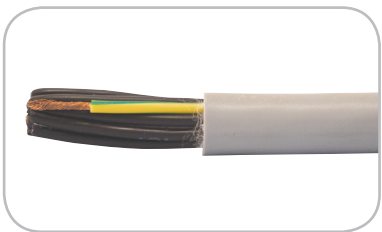
MTB-LR



MTB-RJ

Part Number	Description	Connector	PoE	Mode
GT-802	10/100/1000Base-T to 1000Base-SX gigabit Ethernet media converter.	SC	No	Multimode
GT-802S	10/100/1000Base-T to 1000Base-SX gigabit Ethernet media converter.			Singlemode
GT-805A	10/100/1000Base-T to 1000Base-LX/SX gigabit Ethernet media converter	SFP Module	Yes	SFP Module
GTP-805A	10/100/1000Base-T to 1000Base-LX/SX PoE+ gigabit Ethernet media converter			
IGT-805AT	1000Base-T to 1000Base-SX/LX Din-rail mount, Industrial grade gigabit Ethernet media converter. Requires power supply PWR-40-24.			
IGTP-805AT	1000Base-T to 1000Base-SX/LX Din-rail mount, Industrial grade PoE+ gigabit Ethernet media converter	SFP Module	Yes	SFP Module
IXT-705AT	Industrial 10G/5G/2.5G/1G/100M Copper to 10GBASE-X SFP+ Media Converter			
XT-705A	10G/5G/2.5G/1G/100M Copper to 10GBASE-X SFP+ Media Converter			
SFP Modules				
MGB-SX	SFP-Port 1000Base-SX, LC, Transceiver, MM-550m	LC	-	Multimode
MGB-LX	SFP-Port 1000Base-LX, LC, Transceiver, SM-10Km			Singlemode
MGB-TLX	SFP-Port 1000BASE-LX Industrial grade mini-GBIC LC SM module - 10km (-40-75 degrees)	LC	-	Singlemode
MTB-LR	1-Port 10GBASE-LR SFP+ Fiber Optic Module - 10km			
MTB-SR	1-Port 10GBASE-SR SFP+ Fiber Optic Module - 300m			
MTB-RJ	1-Port 10GBASE-T SFP+ Copper Fiber Optic Module - 30m	RJ45	-	-
MTB-TLR	1-Port 10GBASE-LR SFP+ Fiber Optic Module - 10km (-40-75 degrees C)	LC	-	Singlemode
MTB-TSR	1-Port 10GBASE-SR SFP+ Fiber Optic Module - 300m (-40-75 degrees C)			Multimode

J010003/5JZ50 Series Jay-Oil Flexible Cable 300/500V

	Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
 <ul style="list-style-type: none"> •Multi-strand plain copper conductors to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5 •PVC insulation T12 acc. to DIN VDE 0281 part 1 + HD 21.1 •Oil resistant and flame retardant Grey PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1 •300/500V grade (Test voltage: 3000V acc. to DIN VDE 0472 part 508) •Black numbered cores + 1 Green/yellow earth core <p>Temperature rating: -5°C to +80°C</p>	J010503/507JZ50	0,5	16/0,20	7	7,4
	J010503/512JZ50	0,5	16/0,20	12	9,1
	J010753/502JZ50	0,75	24/0,20	2	5,7
	J010753/503JZ50	0,75	24/0,20	3	6,2
	J010753/504JZ50	0,75	24/0,20	4	6,2
	J010753/507JZ50	0,75	24/0,20	7	8,1
	J010753/512JZ50	0,75	24/0,20	12	9,9
	J010753/520JZ50	0,75	24/0,20	20	12,6
	J010753/525JZ50	0,75	24/0,20	25	14,5
	J010753/532JZ50	0,75	24/0,20	30	15,6
	J010753/540JZ50	0,75	24/0,20	40	17,6
	J010753/550JZ50	0,75	24/0,20	50	19,8
	J011003/502JZ50	1,0	32/0,20	2	5,9
	J011003/503JZ50	1,0	32/0,20	3	6,4
	J011003/504JZ50	1,0	32/0,20	4	7
	J011003/507JZ50	1,0	32/0,20	7	8,6
	J011003/508JZ50	1,0	32/0,20	8	9,4
	J011003/512JZ50	1,0	32/0,20	12	10,7
	J011003/520JZ50	1,0	32/0,20	20	13,5
	J011003/525JZ50	1,0	32/0,20	25	15,6
	J011003/530JZ50	1,0	32/0,20	30	16
	J011003/540JZ50	1,0	32/0,20	40	18,9
	J011003/550JZ50	1,0	32/0,20	50	21
	J011503/502JZ50	1,5	30/0,25	2	6,3
	J011503/503JZ50	1,5	30/0,25	3	6,7
	J011503/504JZ50	1,5	30/0,25	4	7,3
	J011503/507JZ50	1,5	30/0,25	7	9,8
	J011503/512JZ50	1,5	30/0,25	12	12,1
	J011503/520JZ50	1,5	30/0,25	20	15,2
	J011503/525JZ50	1,5	30/0,25	25	17,8
	J011503/541JZ50	1,5	30/0,25	41	21
	J011503/550JZ50	1,5	30/0,25	50	23,7
	J012503/503JZ50	2,5	50/0,25	3	8,6
	J012503/504JZ50	2,5	50/0,25	4	9,1
	J012503/507JZ50	2,5	50/0,25	7	12,1
J012503/512JZ50	2,5	50/0,25	12	15,2	
J012503/518JZ50	2,5	50/0,25	18	18,1	
J012503/521JZ50	2,5	50/0,25	21	20,9	
J012503/525JZ50	2,5	50/0,25	25	22,8	
J014003/504JZ50	4,0	56/0,30	4	11	
J014003/505JZ50	4,0	56/0,30	5	12,6	

J01NIBK Heavy Duty PVC/ Nitrile PVC Flexible Cable 600/1000V



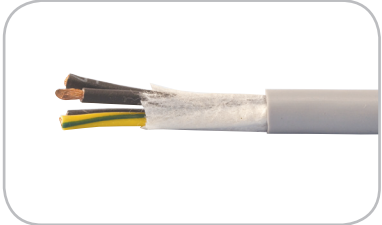
J0115061002NIBK	1,5mm ²	30/025mm	2	8,4
J0115061004NIBK	1,5mm ²	30/025mm	4	9,9
J0115061008NIBK	1,5mm ²	30/025mm	8	14,5
J0125061002NIBK	2,5mm ²	50/025mm	2	9,4
J0125061004NIBK	2,5mm ²	50/025mm	4	11,1
J0125061008NIBK	2,5mm ²	50/025mm	8	16,1
J0140061002NIBK	4,0mm ²	56/0,30mm	2	11,4
J0140061004NIBK	4,0mm ²	56/0,30mm	4	13,8
J0140061008NIBK	4,0mm ²	56/0,30mm	8	20

- Finely stranded plain copper conductors
- PVC insulation
- Black Nitrile PVC sheath
- 600/1000V grade

- Colour Coding
- 2 Core = 2 Black Numbered Cores.
- 4 Core = 3 Black Numbered Cores + 1 Green/Yellow core
- 8 Core = 7 Black Numbered Cores + 1 Green/Yellow core

Temperature rating: -5°C to +80°C

J01HF Hi-Flex PVC/PVC Cable 300/500V

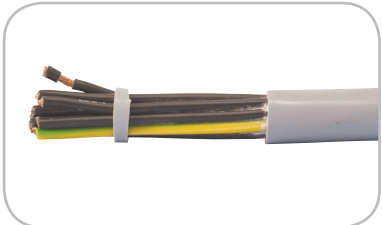
	Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
	J010753/504HF	0,75	42/0,15	4	6,4
	J010753/507HF	0,75	42/0,15	7	8,3
	J010753/512HF	0,75	42/0,15	12	10,2
	J010753/520HF	0,75	42/0,15	20	12,8
	J011003/507HF	1,0	56/0,15	7	8,8
	J011003/512HF	1,0	56/0,15	12	10,8
	J011003/520HF	1,0	56/0,15	20	13,6
	J011003/525HF	1,0	56/0,15	25	15,8
	J011503/504HF	1,5	84/0,15	4	7,4
	J011503/507HF	1,5	84/0,15	7	9,9
	J011503/512HF	1,5	84/0,15	12	12,1
	J012503/504HF	2,5	140/0,15	4	9,1
	J012503/507HF	2,5	140/0,15	7	12,2
	J012503/512HF	2,5	140/0,15	12	15,2

- Extra finely stranded plain copper conductors
- Special PVC insulation
- Fleece wrapping
- Flexible grade PVC sheath, Grey

- 300/500V grade
- Black numbered cores

Temperature rating:
 -40°C to +70°C (Fixed)
 +5°C to +70°C (Flexing).

J010003/5HMH Halogen Free Flexible Cable 300/500V

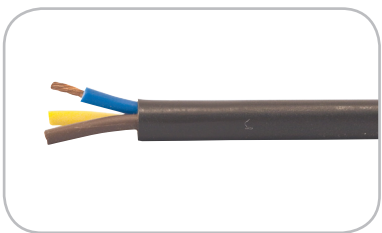
	J010503/507 HMH	0,5	16/0,20	7	7,4
	J010503/512 HMH	0,5	16/0,20	12	9,1
	J010753/504 HMH	0,75	24/0,20	4	6,2
	J010753/507 HMH	0,75	24/0,20	7	8,1
	J010753/512 HMH	0,75	24/0,20	12	9,9
	J010753/520 HMH	0,75	24/0,20	20	12,6
	J010753/525 HMH	0,75	24/0,20	25	14,5
	J010753/530 HMH	0,75	24/0,20	30	15,4
	J010753/541 HMH	0,75	24/0,20	41	17,6
	J010753/550 HMH	0,75	24/0,20	50	19,8
	J011003/507 HMH	1,0	32/0,20	7	8,6
	J011003/512 HMH	1,0	32/0,20	12	10,7
	J011003/520 HMH	1,0	32/0,20	20	13,5
	J011003/525 HMH	1,0	32/0,20	25	15,6
	J011003/534 HMH	1,0	32/0,20	34	17,4
	J011003/541 HMH	1,0	32/0,20	41	18,9
	J011003/550 HMH	1,0	32/0,20	50	21
	J011503/502 HMH	1,5	30/0,25	2	6,3
	J011503/503 HMH	1,5	30/0,25	3	6,7
	J011503/504 HMH	1,5	30/0,25	4	7,3
	J011503/507 HMH	1,5	30/0,25	7	9,8
	J011503/512 HMH	1,5	30/0,25	12	12,1
	J011503/520 HMH	1,5	30/0,25	20	15,2
	J011503/525 HMH	1,5	30/0,25	25	17,8
	J011503/537 HMH	1,5	30/0,25	37	20,2
	J011503/550 HMH	1,5	30/0,25	50	23,7
	J012503/504 HMH	2,5	50/0,25	4	9,1
	J012503/507 HMH	2,5	50/0,25	7	12,1
	J012503/512 HMH	2,5	50/0,25	12	15,2
	J012503/518 HMH	2,5	50/0,25	18	18,1
	J014003/504 HMH	4,0	56/0,30	4	11,7

- Multistrand plain copper conductors
- Insulation of halogen free compound
- Oil resistant and flame retardant halogen free sheath - grey

- 300/500V grade
- Black numbered cores
- Green/yellow earth core

Temperature rating: -5°C to +70°C

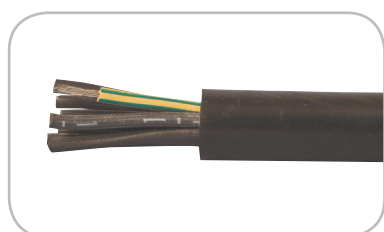
J190003/5 PVC/PVC Cabtyre 300/500V

	Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
	J190503/502-XX	0,50	14/0,21	2	4,85
	J190503/503-XX	0,50	14/0,21	3	5,15
	J190753/502-XX	0,75	21/0,21	2	5,45
	J190753/503-XX	0,75	21/0,21	3	5,75
	J190753/504-XX	0,75	21/0,21	4	6,30
	J191003/502-XX	1,0	27/0,21	2	5,90
	J191003/503-XX	1,0	27/0,21	3	6,35
	J191003/504-XX	1,0	27/0,21	4	6,95
	J191503/502-XX	1,5	44/0,21	2	6,80
	J191503/503-XX	1,5	44/0,21	3	7,40
	J191503/504-XX	1,5	44/0,21	4	8,25
	J192503/503-XX	2,5	66/0,21	3	10,10
	J192503/504-XX	2,5	66/0,21	4	11,45
	J194003/503-XX	4,0	107/0,21	3	12,35
	J194003/504-XX	4,0	107/0,21	4	13,50

- Multistrand plain copper conductors
- PVC insulation
- PVC sheath - black (BK), white (WH), grey (GY)

- 300/500 V grade
- XX - indicates sheath colour required
- Core Colours:
2 Core: brown, blue
3 core: brown, blue, green/yellow
4 core: brown, blue, green/yellow, black

H07RN-F Neoprene Rubber Trailing Cable 450/750V



- Multistrand plain or tinned copper conductors
- EPM rubber insulation
- PCP (Neoprene) rubber sheath - BLACK

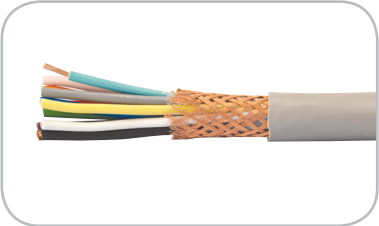
- 450/750V grade
- 2500V test voltage

- Colour Coding:
2 to 5 cores, coloured cores.
Above 6 cores, black numbered cores + 1 Green/Yellow earth core.

Cables manufactured generally to specification VDE 0282.

J2115010002	1,5	30/0,25	2	9
J2115010003	1,5	30/0,25	3	10
J2115010004	1,5	30/0,25	4	11
J2115010007	1,5	30/0,25	7	14
J2115010008	1,5	30/0,25	8	16
J2115010012	1,5	30/0,25	12	20
J2115010019	1,5	30/0,25	19	23
J2115010024	1,5	30/0,25	24	26
J2115010044	1,5	30/0,25	44	35
J2125010003	2,5	50/0,25	3	11
J2125010004	2,5	50/0,25	4	13
J2125010005	2,5	50/0,25	5	15
J2125010007	2,5	50/0,25	7	16
J2125010008	2,5	50/0,25	8	19
J2125010012	2,5	50/0,25	12	21
J2125010019	2,5	50/0,25	19	26
J2125010024	2,5	50/0,25	24	30
J2140010003	4,0	56/0,30	3	14
J2140010004	4,0	56/0,30	4	15
J2140010005	4,0	56/0,30	5	17
J2140010007	4,0	56/0,30	7	20
J2140010012	4,0	56/0,30	12	26
J2160010003	6,0	84/0,30	3	16
J2160010004	6,0	84/0,30	4	18
J2160010005	6,0	84/0,30	5	20
J2160010007	6,0	84/0,30	7	25
J21100010003	10	80/0,40	3	22
J21100010004	10	80/0,40	4	23
J21100010005	10	80/0,40	5	26
J21100010007	10	80/0,40	7	32
J21160010003	16	126/0,40	3	24
J21160010004	16	126/0,40	4	27
J21160010005	16	126/0,40	5	31
J21250010003	25	200/0,40	3	31
J21250010004	25	200/0,40	4	32
J21250010005	25	200/0,40	5	37
J21350010003	35	280/0,40	3	32
J21350010004	35	280/0,40	4	40
J21350010005	35	280/0,40	5	42

J020003/5 Copper Braid Screened PVC Cable 300/500V

	Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
	J020753/502	0,75	24/0,20	2	7,3
	J020753/503	0,75	24/0,20	3	7,7
	J020753/504	0,75	24/0,20	4	8,3
	J020753/507	0,75	24/0,20	7	10,2
	J020753/512	0,75	24/0,20	12	12,1
	J020753/520	0,75	24/0,20	20	15,5
	J021003/502	1,0	32/0,20	2	8,1
	J021003/503	1,0	32/0,20	3	8,6
	J021003/504	1,0	32/0,20	4	9,5
	J021003/507	1,0	32/0,20	7	11,1
	J021003/512	1,0	32/0,20	12	13,8
	J021003/525	1,0	32/0,20	25	18,2
	J021503/502	1,5	30/0,25	2	8,7
	J021503/503	1,5	30/0,25	3	9,2
	J021503/504	1,5	30/0,25	4	10,2
	J021503/507	1,5	30/0,25	7	12,2
	J021503/512	1,5	30/0,25	12	16,5
	J021503/520	1,5	30/0,25	20	19
	J022503/503	2,5	50/0,25	3	10,8
	J022503/504	2,5	50/0,25	4	12,2
J022503/507	2,5	50/0,25	7	14	
J024003/503	4,0	56/0,30	3	12	
J024003/504	4,0	56/0,30	4	13	
J024003/507	4,0	56/0,30	7	16	

- Multistrand plain copper conductors
- PVC Insulation
- Plain copper wire braided screen
- PVC Sheath - grey

- 300/500 V grade
- Colour coded cores

Temperature rating: 0°C to +70°C.

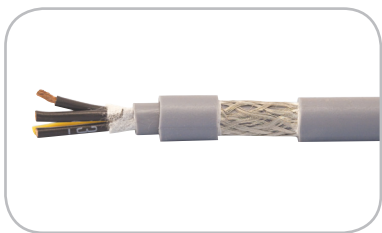
J02-OFX Jay-Oil Steel Braid Screened PVC Cable 300/500V and 600/1000V

	J020753/502-OFX	0,75	24/0,20	2	8
	J020753/503-OFX	0,75	24/0,20	3	9
	J020753/504-OFX	0,75	24/0,20	4	10
	J020753/507-OFX	0,75	24/0,20	7	12
	J020753/512-OFX	0,75	24/0,20	12	14
	J020753/520-OFX	0,75	24/0,20	20	18
	J020753/534-OFX	0,75	24/0,20	34	20
	J021003/502-OFX	1,0	32/0,20	2	9
	J021003/503-OFX	1,0	32/0,20	3	10
	J021003/504-OFX	1,0	32/0,20	4	11
	J021003/507-OFX	1,0	32/0,20	7	13
	J021003/512-OFX	1,0	32/0,20	12	15
	J021003/520-OFX	1,0	32/0,20	20	18
	J021003/525-OFX	1,0	32/0,20	25	20
	J021506/1002OFX	1,5	30/0,25	2	10
	J021506/1003OFX	1,5	30/0,25	3	11
	J021506/1004OFX	1,5	30/0,25	4	12
	J021506/1007OFX	1,5	30/0,25	7	13
	J021506/1012OFX	1,5	30/0,25	12	16
	J021506/1020OFX	1,5	30/0,25	20	18
J022506/1003OFX	2,5	50/0,25	3	12	
J022506/1004OFX	2,5	50/0,25	4	13	
J022506/1007OFX	2,5	50/0,25	7	16	
J024006/1003OFX	4,0	56/0,30	3	13	
J024006/1004OFX	4,0	56/0,30	4	15	
J024006/1007OFX	4,0	56/0,30	7	17	
J026006/1004OFX	6,0	84/0,30	4	17	

- Multistrand plain copper conductors
- PVC insulation
- PVC inner sheath
- Galvanised steel wire braided screen
- PVC oil resistant and flame retardant grey sheath

- 300/500V grade - up to 1,0mm²
- 600/1000V grade - from 1,5mm² upwards
- Black numbered cores
- Green/yellow earth core.


J02HF Screened Hi-Flex PVC Cable 300/500V

	Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
	J020753/504HF	0,75	42/0,15	4	8,3
	J020753/507HF	0,75	42/0,15	7	10,2
	J020753/512HF	0,75	42/0,15	12	12,6
	J020753/520HF	0,75	42/0,15	20	15,2
	J021003/507HF	1,0	56/0,15	7	10,9
	J021003/512HF	1,0	56/0,15	12	13,1
	J021003/518HF	1,0	56/0,15	18	15,4
	J021003/525HF	1,0	56/0,15	25	18,6
	J021503/504HF	1,5	84/0,15	4	9,5
	J021503/507HF	1,5	84/0,15	7	12,2
	J021503/512HF	1,5	84/0,15	12	14,5
	J022503/504HF	2,5	140/0,15	4	11,2
	J022503/507HF	2,5	140/0,15	7	14,8
	J022503/512HF	2,5	140/0,15	12	18,0

- Extra finely stranded plain copper conductors
- Special PVC insulation
- Fleece wrapping
- Flexible grade PVC inner sheath
- Tinned copper wire spiral screen interwoven with synthetic fibres
- Flexible grade PVC sheath, grey

- 300/500V grade
- Green/yellow earth core
- Black numbered cores

J020035TC Tinned Copper Braid Screened PVC Cable 300/500V

	J020503/502TCGY	0,5	16/0,20	2	5,4
	J020503/503TCGY	0,5	16/0,20	3	5,8
	J020503/504TCGY	0,5	16/0,20	4	6,3
	J020503/505TCGY	0,5	16/0,20	5	6,7
	J020503/507TCGY	0,5	16/0,20	7	7,3
	J020503/512TCGY	0,5	16/0,20	12	9,2
	J020503/518TCGY	0,5	16/0,20	18	10,2
	J020503/525TCGY	0,5	16/0,20	25	13,3
	J020753/502TCGY	0,75	24/0,20	2	6,0
	J020753/503TCGY	0,75	24/0,20	3	6,3
	J020753/504TCGY	0,75	24/0,20	4	6,8
	J020753/505TCGY	0,75	24/0,20	5	7,3
	J020753/507TCGY	0,75	24/0,20	7	7,8
	J020753/512TCGY	0,75	24/0,20	12	10,1
	J020753/518TCGY	0,75	24/0,20	18	11,6
	J020753/525TCGY	0,75	24/0,20	25	13,9
	J020753/534TCGY	0,75	24/0,20	34	15,6
	J020753/550TCGY	0,75	24/0,20	50	19,0
	J020103/502TCGY	1	32/0,20	2	6,2
	J020103/503TCGY	1	32/0,20	3	6,5
	J020103/504TCGY	1	32/0,20	4	7,0
	J020103/505TCGY	1	32/0,20	5	7,6
	J020103/507TCGY	1	32/0,20	7	8,4
	J020103/512TCGY	1	32/0,20	12	10,4
	J020103/518TCGY	1	32/0,20	18	12,4
	J020103/525TCGY	1	32/0,20	25	14,9
	J020103/534TCGY	1	32/0,20	34	16,6
	J020103/5350TCGY	1	32/0,20	50	19,6
	J021503/502TCGY	1,5	30/0,25	2	6,8
	J021503/503TCGY	1,5	30/0,25	3	7,2
	J021503/504TCGY	1,5	30/0,25	4	7,8
	J021503/505TCGY	1,5	30/0,25	5	8,4
	J021503/507TCGY	1,5	30/0,25	7	9,3
J021503/512TCGY	1,5	30/0,25	12	11,8	
J021503/518TCGY	1,5	30/0,25	18	14,0	
J021503/525TCGY	1,5	30/0,25	25	16,9	
J021503/535TCGY	1,5	30/0,25	35	18,9	
J021503/542TCGY	1,5	30/0,25	42	20,1	
J022503/502TCGY	2,5	50/0,25	2	8,0	
J022503/503TCGY	2,5	50/0,25	3	8,6	
J022503/504TCGY	2,5	50/0,25	4	9,4	

- Copper bare stranded, VDE 0295 Class 5
- PVC Type YI 2 (Polyvinyl Chloride)
- Tinned-copper braiding
- PVC Type YM 2 (Polyvinyl Chloride), grey

- 300/500V
- Test voltage: 2 kV

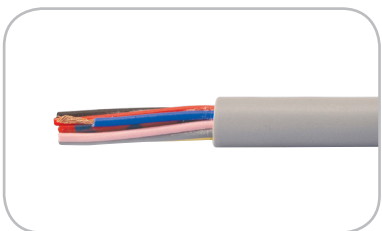
- Flexing: ± 5 °C to +80 °C
- Fixed installation: ±30 °C to +80 °C

- VDE Reg N° 7690
- International IEC 60298
- Fire Retardant: IEC 60332 Part 1

Additional sizes available:

- 2,5mm² x 5, 7 & 12
- 4mm² x 4 & 5
- 6mm² x 4 & 5
- 10mm² x 4
- 16mm x 4
- 25mm² x 4

J01014LIYY Sub-Miniature 0,14mm² PVC Cable 350V

	Jaycor Part Number	No. of cores	Nominal O.D. (mm)
	J01014LIYY02GY	2	3,1
	J01014LIYY04GY	4	3,5
	J01014LIYY07GY	7	4,1
	J01014LIYY12GY	12	5,3
	J01014LIYY25GY	25	7,7

-0,14mm² (18 x 0,10mm) Copper Conductors to DIN VDE 0812
 -PVC Insulation
 -PVC Grey Sheath, oil resistant

-350V Grade

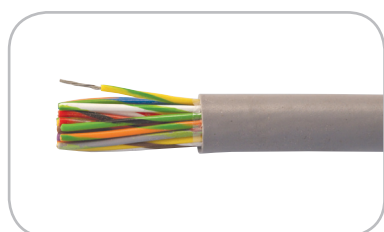
Temperature range:
 -30°C to + 70°C (fixed)
 -5°C to + 70°C (flexible)

Fire Performance: acc. to IEC 60332-1 + EN 50265-2-1 + VDE 0482 part 265-2-1

-Oil Resistant
 - Rohs Compliant

LiYY Flexible PVC Data Cable

J0102244 Sub-Miniature 0,22mm² PVC Cable 440V



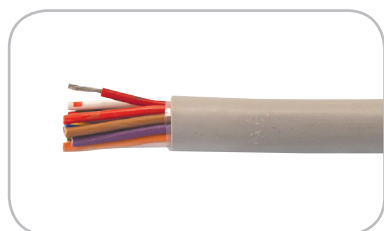
•0,22mm² (7/0,20mm) tinned copper conductors
 •PVC insulation
 •PVC sheath - grey or black

•440V grade
 •Max. 1 amp.
 •Colour coded cores

Specification: DEF STAN 61-12 (Part 4)

J010224402	2	3,1
J010224403	3	3,5
J010224404	4	3,9
J010224405	5	4,1
J010224406	6	4,5
J010224407	7	4,6
J010224408	8	5
J010224410	10	5,8
J010224412	12	6
J010224416	16	7
J010224418	18	7,5
J010224420	20	7,8
J010224425	25	8,5
J010224436	36	10
J010224450	50	11,5
J010224460	60	12,5
J010224472	72	14
J0102244100	100	17

J0105044 Miniature 0,5mm² PVC Cable 440V



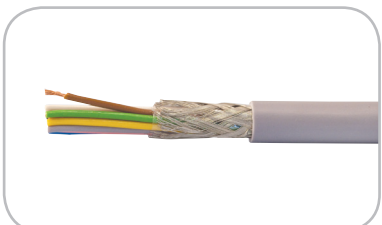
•0,5 mm² (16/0,20mm) tinned copper conductors
 •PVC insulation.
 •PVC sheath - grey or black.

•440V grade
 •Max 3 amp
 •Colour coded cores

Specification: DEF STAN 61-12 (part 5)

J010504402	2	5,5
J010504403	3	6
J010504404	4	6,3
J010504406	6	7
J010504407	7	7,5
J010504408	8	8
J010504410	10	9,2
J010504412	12	9,5
J010504416	16	11
J010504418	18	11,5
J010504420	20	12,6
J010504425	25	13,4
J010504430	30	15
J010504436	36	16
J010504450	50	18,5
J010504460	60	19,1
J010504472	72	20
J0105044100	100	22

J0200525 Microminiature Screened 0,05mm² PVC Cable 250V

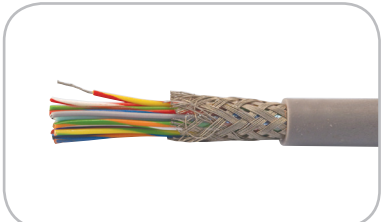
	Jaycor Part Number	No. of cores	Nominal O.D. (mm)
	J020052502	2	2,8
	J020052504	4	3,2
	J020052506	6	3,6
	J020052509	9	4
	J020052512	12	4,4
	J020052515	15	5
	J020052518	18	5,5
	J020052525	25	6,3

- 0,05mm² (7/0,10mm) tinned copper conductors
- PVC insulation
- Overall tinned copper wire braid screen
- PVC sheath – grey or black

- 250V grade
- Max. 250 milliamp
- Colour coded cores

Specification: DEF STAN 61-12 (Part 4)

J02014LIYCY Sub-Miniature Screened 0,14mm² PVC Cable 350V

	J02014LIYCY02GY	2	3,6
	J02014LIYCY04GY	4	4
	J02014LIYCY07GY	7	4,6
	J02014LIYCY12GY	12	6,2
	J02014LIYCY25GY	25	8,6

- 0,14mm² (18 x 0,10mm) Copper
- Conductors to DIN VDE 0812
- PVC Insulation
- Tinned Copper Braid Screen
- PVC Grey Sheath, oil resistant

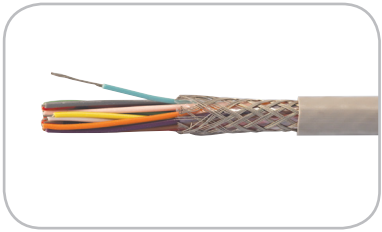
- 350V Grade
- 30°C to + 70°C (fixed),
- 5°C to + 70°C (flexible)

- Oil Resistant
- Rohs Compliant

LiYCY Flexible Braid Screened PVC Data Cable

Fire Performance: acc. to IEC 60332-1 + EN 50265-2-1 + VDE 0482 part 265-2-1

J0202244 Sub-Miniature Screened 0,22mm² PVC Cable 440V

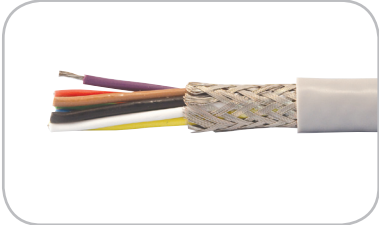
	J020224401	1	2,3
	J020224402	2	4
	J020224403	3	4,3
	J020224404	4	4,5
	J020224405	5	5
	J020224406	6	5,5
	J020224407	7	5,8
	J020224408	8	6
	J020224410	10	6,8
	J020224412	12	7,2
	J020224416	16	8
	J020224418	18	8,3
	J020224420	20	9
	J020224425	25	9,5
	J020224430	30	10,5
	J020224436	36	11,2
	J020224450	50	12,5
	J020224460	60	13,5
	J020224472	72	15
	J0202244100	100	18

- 0,22mm² (7/0,20mm) tinned copper conductors
- PVC insulation
- Overall tinned copper wire braid screen
- PVC sheath – grey or black

- 440V grade
- Max. 1 amp.
- Colour coded cores

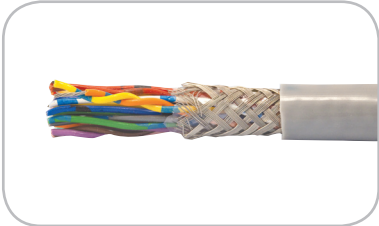
Specification: DEF STAN 61-12 (Part 4)

J0205044 Miniature Screened 0,5mm² PVC Cable 440V

	Jaycor Part Number	No. of cores	Nominal O.D. (mm)
 <ul style="list-style-type: none"> •0,5mm² (16/0,20mm) tinned copper conductors •PVC insulation •Overall tinned copper wire braid screen •PVC sheath – grey or black 	J020504401	1	3,6
	J020504402	2	6,2
	J020504403	3	6,5
	J020504404	4	7,5
	J020504405	5	8,5
	J020504406	6	8,5
	J020504407	7	8,7
	J020504408	8	10
	J020504410	10	10,8
	J020504412	12	11
	J020504416	16	12
	J020504418	18	12,5
	J020504420	20	13,5
	J020504425	25	15
	J020504430	30	16
	J020504436	36	16,9
	J020504450	50	19
J020504460	60	20,3	
J020504472	72	21	
J0205044100	100	23	

Specification: DEF STAN 61-12 (part 5)

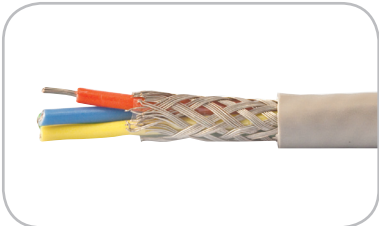
J0302244 Sub-Miniature Screened 0,22mm² Twisted Pair PVC Cable 440V

 <ul style="list-style-type: none"> •0,22mm² (7/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Overall tinned copper wire braid screen •PVC sheath – grey 	J030224401	1	4
	J030224402	2	6
	J030224403	3	6,5
	J030224404	4	7
	J030224406	6	8
	J030224408	8	9
	J030224412	12	11,5
	J030224418	18	13
	J030224425	25	15,3
	J030224430	30	16,2
	J030224436	36	17,8
	J030224450	50	20,3

Specification: DEF STAN 61-12 (Part 4)

- 440V grade
- Max. 1 amp.
- Colour coded pairs

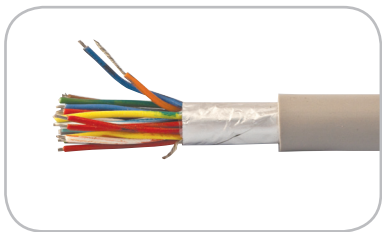
J0305044 Sub-Miniature Screened 0,5mm² Twisted Pair PVC Cable 440V

 <ul style="list-style-type: none"> •0,5mm² (16/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Overall tinned copper wire braid screen •PVC sheath – grey 	J030504402	2	8,4
	J030504403	3	9,2
	J030504404	4	9,6
	J030504406	6	12
	J030504408	8	13
	J030504412	12	16
	J030504418	18	19,4
	J030504425	25	23
	J030504430	30	25
	J030504436	36	27
J030504450	50	32	

Specification: DEF STAN 61-12 (Part 4)

- 440V grade
- Max. 3 amp.
- Colour coded pairs

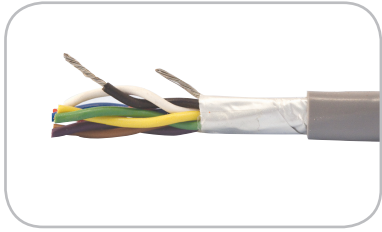
J0602244 Foil Screened 0,22mm² Twisted Pair PVC Cable 440V

	Jaycor Part Number	No. of cores	Nominal O.D. (mm)
 <ul style="list-style-type: none"> •0,22mm² (7/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Tinned copper drain wire •Overall aluminium-mylar® foil screen •PVC sheath - grey 	J060224401	1	3,2
	J060224402	2	5,2
	J060224403	3	5,7
	J060224404	4	6,3
	J060224406	6	7,2
	J060224408	8	8,3
	J060224410	10	9,1
	J060224412	12	9,9
	J060224418	18	12,3
	J060224420	20	12,7
	J060224425	25	14,3
	J060224430	30	15,2
	J060224436	36	16,9
	J060224450	50	19,1

Specification: DEF STAN 61-12 (Part 4)

- 440V grade
- Max. 1 amp.
- Colour coded pairs

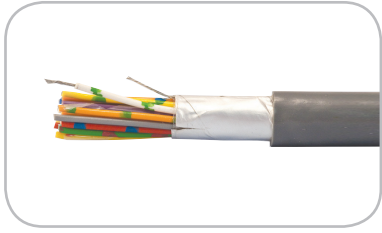
J0605044 Foil Screened 0,5mm² Twisted Pair PVC Cable 440V

 <ul style="list-style-type: none"> •0,5mm² (16/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Tinned copper drain wire •Overall aluminium-mylar® foil screen •PVC sheath - grey 	J060504401	1	5
	J060504402	2	7,4
	J060504403	3	8,2
	J060504404	4	8,6
	J060504406	6	11
	J060504408	8	12
	J060504410	10	13,5
	J060504412	12	15
	J060504418	18	18,4
	J060504420	20	20,7
	J060504425	25	22
	J060504430	30	24
	J060504436	36	26
	J060504450	50	30

Specification: DEF STAN 61-12 (Part 4)

- 440V grade
- Max. 3 amp.
- Colour coded pairs

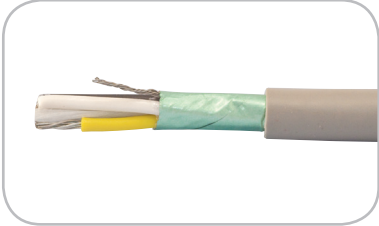
J0702244 Foil Screened 0,22mm² PVC Cable 440V

 <ul style="list-style-type: none"> •0,22mm² (7/0,20mm) tinned copper conductors •PVC insulation •Tinned copper drain wire •Overall aluminium-mylar® foil screen •PVC sheath - grey 	J070224402	2	3,2
	J070224403	3	3,6
	J070224404	4	4
	J070224405	5	4,2
	J070224406	6	4,6
	J070224409	9	5,3
	J070224408	8	5,1
	J070224412	12	6,2
	J070224416	16	7,1
	J070224418	18	7,7
	J070224425	25	9,1
	J070224436	36	10,3
	J070224450	50	11,7
	J070224460	60	12,7
	J070224472	72	14,2
J0702244100	100	17,3	

Specification: DEF STAN 61-12 (Part 4)

- 440V grade
- Max. 1 amp.
- Colour coded cores


J0705044 Foil Screened 0,5mm² PVC Cable 440V

	Jaycor Part Number	No. of cores	Nominal O.D. (mm)
 <ul style="list-style-type: none"> •0,5mm² (16/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Tinned copper drain wire •Overall aluminium-mylar® foil screen •PVC sheath - grey 	J070504402	2	5,7
	J070504403	3	6,2
	J070504404	4	6,5
	J070504405	5	6,9
	J070504406	6	7,2
	J070504408	8	8,2
	J070504412	12	9,7
	J070504416	16	11,3
	J070504418	18	11,8
	J070504425	25	13,7
	J070504436	36	16,5
	J070504450	50	19
	J070504460	60	19,5
	J070504472	72	20,5
J0705044100	100	22,5	

- 440V grade
- Max. 3 amp.
- Colour coded pairs

Specification: DEF STAN 61-12 (Part 4)

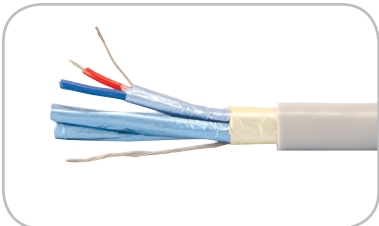
J0802244 Individual & Overall Foil Screened 0,22mm² PVC Cable 440V

 <ul style="list-style-type: none"> •0,22mm² (7/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Tinned copper drain wire in each pair •Individual aluminium-mylar® foil screen over each pair •Tinned copper drain wire (for overall screen) •Overall aluminium-mylar® foil screen •PVC sheath - grey 	J080224402	2	5,7
	J080224403	3	6,2
	J080224404	4	7
	J080224406	6	7,7
	J080224408	8	9
	J080224412	12	11,2
	J080224416	16	12,5
	J080224418	18	13,3
	J080224425	25	15
	J080224430	30	15,9
	J080224436	36	17,6
	J080224450	50	20

- 440V grade
- Max. 1 amp.
- Colour coded pairs

Specification: DEF STAN 61-12 (Part 4)

J0805044 Individual & Overall Foil Screened 0,5mm² PVC Cable 440V

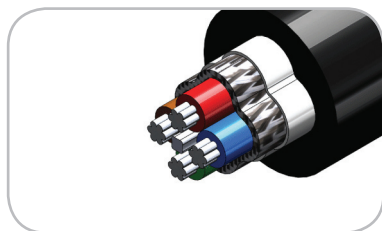
 <ul style="list-style-type: none"> •0,5mm² (16/0,20mm) tinned copper conductors •PVC insulation, TWISTED PAIRS •Tinned copper drain wire in each pair •Individual aluminium-mylar® foil screen over each pair •Tinned copper drain wire (for overall screen) •Overall aluminium-mylar® foil screen •PVC sheath - grey 	J080504402	2	7,7
	J080504403	3	8,6
	J080504404	4	9
	J080504406	6	11,5
	J080504408	8	12,7
	J080504412	12	15,9
	J080504416	16	19
	J080504418	18	20
	J080504425	25	24,2
	J080504430	30	26,4
	J080504436	36	28,6
	J080504450	50	33

- 440V grade
- Max. 3 amp.
- Colour coded pairs

Specification: DEF STAN 61-12 (Part 4)

JPU Screened Polyurethane Data Cable

Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
JPU0202204NW	0,22	7/0,2	4	4,3
JPU0200808NW	0,08	19/0,08	8	5,2
JPU0201412BK	0,14	18/0,10	12	7



- Tinned copper conductors
- PP Insulation
- Poly filler
- Tinned Copper Braid Screen
- Polyurethane sheath, black
- RoHS compliant
- 30V grade

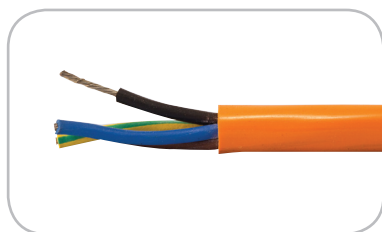
J24PSC Screened Polyurethane Coiled Data Cable



Jaycor Part Number	Conductor Size (mm ²)	Relaxed Coil Length (m)	Coil Extended Length (m)	No. of cores	Coil O.D. (mm)
J24PSC00808-0,3	0,08	0,3	1	8	19
J24PSC00808-0,6	0,08	0,6	2	8	19
J24PSC00808-1,0	0,08	1,0	3	8	19
J24PSC02204-0,3	0,22	0,3	1	4	18
J24PSC02204-0,6	0,22	0,6	2	4	18
J24PSC02204-1,0	0,22	1,0	3	4	18
J24PSC01012-0,3	0,1	0,3	1	12	20
J24PSC01012-0,6	0,1	0,6	2	12	20
J24PSC01012-1,0	0,1	1,0	3	12	20

*Custom lengths available on request

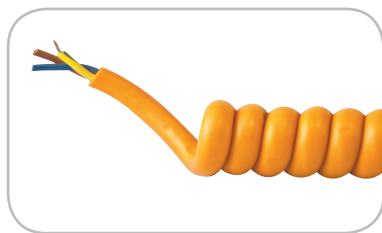
JHK Heavy Duty Polyurethane Cable 500V - Outstanding Abrasion and Oil Resistance



- Multistrand tinned copper conductors
- EPM rubber insulation
- Polyurethane sheath, ORANGE
- 500V grade
- Colour Coded cores (up to 4 cores), above 4 cores, black numbered cores.

Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of cores	Nominal O.D. (mm)
JHK22051	0,75	24/0,20	3	6,8
JHK22052	0,75	24/0,20	4	7,5
JHK22055	1,0	32/0,20	3	7,1
JHK22056	1,0	32/0,20	4	7,8
JHK22058	1,5	30/0,25	2	8,3
JHK22059	1,5	30/0,25	3	8,9
JHK22060	1,5	30/0,25	4	9,8
JHK22062	1,5	30/0,25	7	13,1
JHK22063	1,5	30/0,25	12	16,3
JHK22065	2,5	50/0,25	3	10,7
JHK22066	2,5	50/0,25	4	12
JHK22068	4,0	56/0,30	3	12,2
JHK22069	4,0	56/0,30	4	13,8

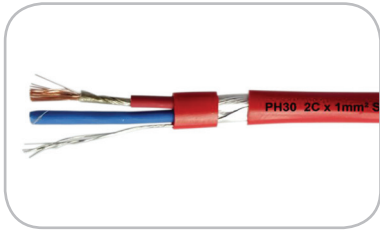
J24P Polyurethane Coiled Cable 500V - Outstanding Abrasion and Oil Resistance



Jaycor Part Number	Conductor Size (mm ²)	No. of cores	Cable O.D. (mm)	Coil O.D. (mm)
J24P0755002	0,75	2	6,5	22
J24P0755003	0,75	3	6,8	24
J24P0755004	0,75	4	7,5	26
J24P1005002	1,0	2	7	24
J24P1005003	1,0	3	7,1	30
J24P1005004	1,0	4	7,8	35
J24P1505002	1,5	2	8,3	26
J24P1505003	1,5	3	8,9	32
J24P1505004	1,5	4	9,8	40
J24P1505007	1,5	7	13,1	55
J24P1505012	1,5	12	16,3	66
J24P2505003	2,5	3	10,7	42
J24P2505004	2,5	4	12	50
J24P4005003	4,0	3	12,2	56
J24P4005004	4,0	4	13,8	60
J24P6005003	6,0	3	14,5	58
J24P6005004	6,0	4	17	62

Fire Alarm Cables

	Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of Pairs	Nominal O.D. (mm)
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J06FA080D "FR20" Fire Alarm Cable 500V

J06FA080D01	1	-	2	4,7
J06FA080D02	2	-	3	6
J06FA080D04	4	-	4	7,5
J06FA080D06	6	-	7	9,5
J06FA080D08	8	-	12	10,5
J06FA080D16	16	-	20	14

PH120 and PH30 Circuit Integrity Fire Alarm Cable

J06PH301035002	1	-	1	7.4
J06PH121035002	1	-	1	8.4
J06PH301535002	1,5	-	1	8.9
J06PH121535002	1,5	-	1	9.9

FR20

- 0,8mm dia. solid plain copper conductor
- PVC insulation, TWISTED PAIRS
- Overall aluminium-mylar® foil screen
- Tinned copper drain wire
- Flame retardant PVC sheath - Red

- 500V grade
- Colour coded pairs

Cable printed "FIRE ALARM CABLE"

PH30/120

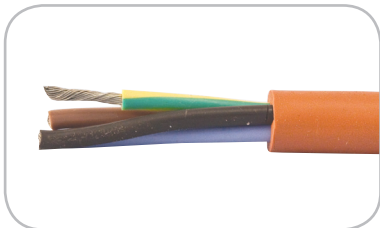
- Plain copper conductor, class 1,2 and 5 in accordance with SANS 1411-1 with special fire resistant tape wrapping

- Halogen free polymer compound
- Overall aluminium-mylar® foil screen

- Tinned copper drain wire
- Halogen free fire retardant polymer Red sheath - complies to IEC 60092-359(SHF1) and SANS 1411-5

- 300/500V grade
- Colour coded to DIN VDE

J2500066 Silicone Cable (-60°C to +200°C Continuous, 250°C Intermittently)

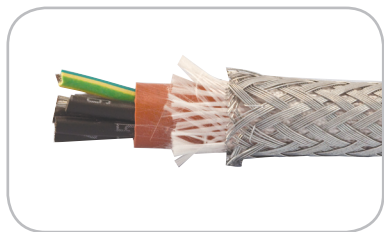


- Multistrand plain or tinned copper conductors
- Silicone rubber insulation
- Silicone rubber sheath

- 660V grade
- Colour coded cores up to 5 cores, above 5 core: black numbered cores + 1 green/yellow earth core

Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of Cores	Nominal O.D. (mm)
J250756602	0,75	24/0,20	2	6
J250756603	0,75	24/0,20	3	6,8
J250756604	0,75	24/0,20	4	7,8
J250756607	0,75	24/0,20	7	9,2
J251006603	1,0	32/0,20	3	7,4
J251006604	1,0	32/0,20	4	8
J251506602	1,5	30/0,25	2	7,5
J251506603	1,5	30/0,25	3	8
J251506604	1,5	30/0,25	4	8,8
J251506607	1,5	30/0,25	7	10,4
J251506612	1,5	30/0,25	12	15
J252506602	2,5	50/0,25	2	9,4
J252506603	2,5	50/0,25	3	9,7
J252506604	2,5	50/0,25	4	10,6
J252506607	2,5	50/0,25	7	12,7
J254006603	4	56/0,30	3	11,4
J254006604	4	56/0,30	4	13,1
J256006604	6	84/0,30	4	18
J2510006604	10	80/0,40	4	23
J2516006604	16	126/0,40	4	26

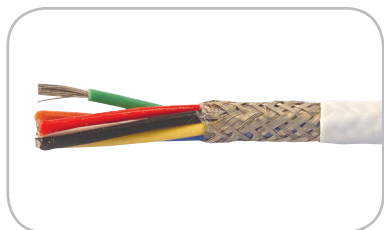
J2600066 Screened Silicone Cable (-60°C to +200°C Continuous, 250°C Intermittently)



- Multistrand plain or tinned copper conductors
 - Silicone rubber insulation
 - Silicone rubber inner sheath
 - Fibreglass wrapping
 - Outer galvanised steel wire braid
- 660V grade
 - Colour coded cores up to 5 cores, above 5 core: black numbered cores + 1 green/yellow earth core

Jaycor Part Number	Conductor Size (mm ²)	Strandings (no./mm)	No. of Cores	Nominal O.D. (mm)
J260756602	0,75	24/0,20	2	7,9
J260756603	0,75	24/0,20	3	8,3
J260756604	0,75	24/0,20	4	9,3
J260756607	0,75	24/0,20	7	10,7
J261006603	1,0	32/0,20	3	8,9
J261006604	1,0	32/0,20	4	9,5
J261506602	1,5	30/0,25	2	9,1
J261506603	1,5	30/0,25	3	9,5
J261506604	1,5	30/0,25	4	10,3
J261506607	1,5	30/0,25	7	11,9
J261506612	1,5	30/0,25	12	16,2
J262506602	2,5	50/0,25	2	10,7
J262506603	2,5	50/0,25	3	11,2
J262506604	2,5	50/0,25	4	12,1
J262506607	2,5	50/0,25	7	14,3
J264006603	4	56/0,30	3	12,9
J264006604	4	56/0,30	4	14,8

J55 Screened Teflon® Cable (-60°C to + 155°C) 600V



- Multistrand tinned copper conductors
 - Tefzel (ETFE) insulation
 - Overall tinned copper wire braid screen
 - Teflon (FEP) sheath - WHITE
- 600V grade
 - Colour coded cores
- Manufactured generally to MILC-27500 Specifications.

Jaycor Part Number	Conductor Size (mm ²)	AWG	Strandings (no./mm)	No. of Cores	Nominal O.D. (mm)
J550126002	0,12	26	19/0,10	2	2,95
J550126004	0,12	26	19/0,10	4	3,36
J550226002	0,22	w24	19/0,12	2	3,15
J550226003	0,22	24	19/0,12	3	3,33
J550226004	0,22	24	19/0,12	4	3,6
J550226007	0,22	24	19/0,12	7	4,6
J550386002	0,38	22	19/0,16	2	3,45
J550386003	0,38	22	19/0,16	3	3,65
J550386004	0,38	22	19/0,16	4	3,96
J550606002	0,6	20	19/0,20	2	3,95
J550606003	0,6	20	19/0,20	3	4,19
J550606004	0,6	20	19/0,20	4	4,57
J550606007	0,6	20	19/0,20	7	5,95
J550606008	0,6	20	19/0,20	8	7
J550906002	0,9	18	19/0,25	2	4,65
J550906004	0,9	18	19/0,25	4	5,41
J551246002	1,24	16	19/0,29	2	5,15
J551246004	1,24	16	19/0,29	4	6,01
J551246007	1,24	16	19/0,29	7	7,3
J552006002	2,0	14	19/0,36	2	5,4
J553006002	3,0	12	37/0,32	2	6,2

Belden® Screened Teflon® Cable (-65°C to +200°C) 600V

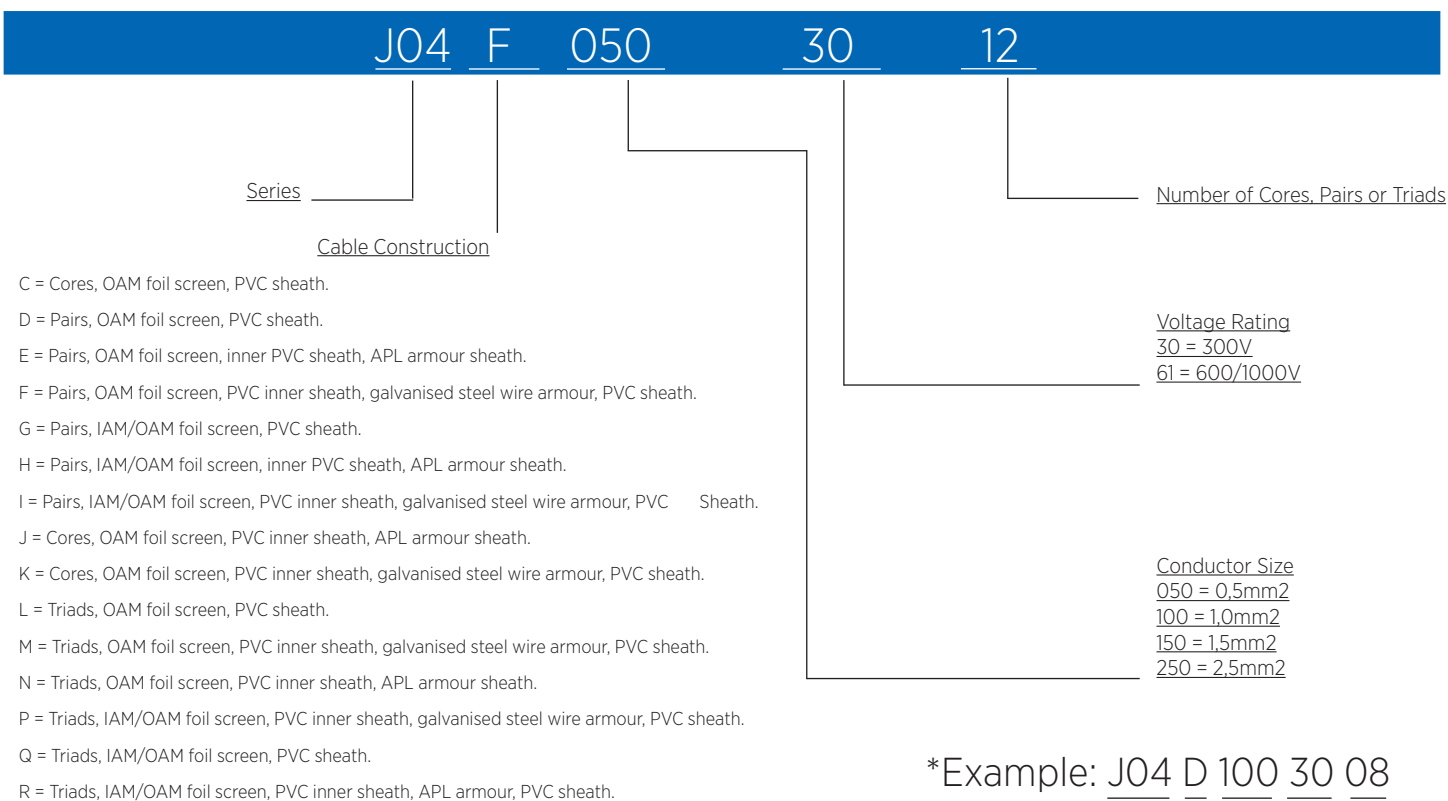


- Multistrand silver-plated copper conductors
 - Teflon® (TFE - Tetrafluoroethylene) insulation
 - Overall silver-plated copper wire braid screen
 - Teflon® (TFE - Tetrafluoroethylene) sheath
- 600V grade
 - Flame Test - UL1685 UL Loading, VW-1

Jaycor Part Number	Conductor Size (mm ²)	AWG	Strandings (no./mm)	No. of Cores	Nominal O.D. (mm)
BLDN83317E	0,14	26	7/0,169	2	3,1
BLDN83347E	0,14	26	7/0,169	4	3,4
BLDN83318E	0,22	24	19/0,127	2	3,3
BLDN83348E	0,22	24	19/0,127	4	3,4
BLDN83319E	0,34	22	19/0,169	2	3,6
BLDN83349E	0,34	22	19/0,169	4	4,1
BLDN83320E	0,6	20	19/0,203	2	4
BLDN83350E	0,6	20	19/0,203	4	4,6
BLDN83321E	0,9	18	19/0,254	2	4,5
BLDN83351E	0,9	18	19/0,254	4	5,2
BLDN83322E	1,24	16	19/0,287	2	5
BLDN83352E	1,24	16	19/0,287	4	5,8

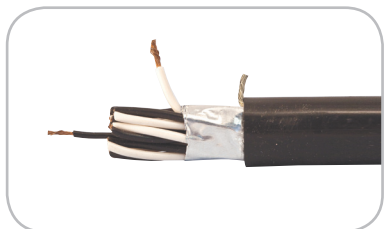
Specification: MIL-W-16878/4 Type E

Jaycor Instrumentation Cable Part Number System



J04D Overall Screened Jayron Cable

	Jaycor Part Number	Conductor Size (mm ²)	No. of pairs	Nominal O.D. (mm)
	J04D0503001	0,5	1	6
	J04D0503002	0,5	2	10
	J04D0503004	0,5	4	11
	J04D0503008	0,5	8	15
	J04D0503012	0,5	12	17
	J04D0503016	0,5	16	18
	J04D0503020	0,5	20	20
	J04D0503024	0,5	24	21
	J04D0503036	0,5	36	26
	J04D0503050	0,5	50	30
	J04D1003001	1,0	1	7
	J04D1003002	1,0	2	12
	J04D1003004	1,0	4	14
	J04D1003008	1,0	8	18
	J04D1003012	1,0	12	21
	J04D1003016	1,0	16	23
	J04D1003020	1,0	20	24
	J04D1003024	1,0	24	26
	J04D1003036	1,0	36	31
	J04D1003050	1,0	50	36
	J04D1503001	1,5	1	8
	J04D1503002	1,5	2	14
	J04D1503004	1,5	4	16
	J04D1503008	1,5	8	21
	J04D1503012	1,5	12	24
	J04D1503016	1,5	16	27
	J04D1503020	1,5	20	29
	J04D1503024	1,5	24	32
	J04D1503036	1,5	36	37
	J04D1503050	1,5	50	43

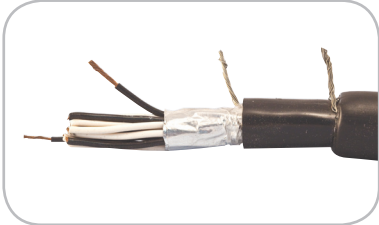


- Multistrand plain copper conductors
- XLPE insulation, TWISTED PAIRS
- Tinned copper drain wire
- PVC insulated communication cord
- Overall aluminium-mylar foil screen
- PVC sheath - black (FR - flame Retardant)

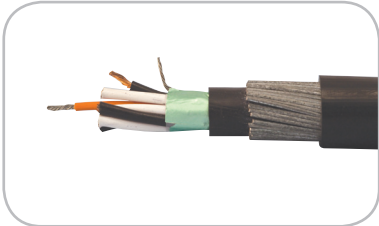
- 300V grade
- Black/white numbered pairs

For low halogen or halogen free versions, add: *HFFR - Halogen Free Flame Retardant, black with white stripe sheath
 *LHCL - Low Halogen Chlorine, black with blue stripe sheath

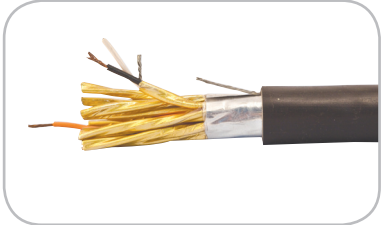
J04E Overall Screened + Armoured Jaybon Cable

	Jaycor Part Number	Conductor Size (mm ²)	No. of pairs	Nominal O.D. (mm)
 <ul style="list-style-type: none"> • Multistrand plain copper conductors. • XLPE insulation, TWISTED PAIRS • Tinned copper drain wire • PVC insulated communication cord • Overall aluminium-mylar foil screen • Inner PVC sheath • Aluminium-polyethylene laminated (APL) armour sheath <ul style="list-style-type: none"> • 300V grade • Black/white numbered pairs <p>For low halogen or halogen free versions, add: *HFFR – Halogen Free Flame Retardant, black with white stripe sheath *LHCL – Low Halogen Chlorine, black with blue stripe sheath</p>	J04E0503001	0,5	1	9
	J04E0503002	0,5	2	13
	J04E0503004	0,5	4	15
	J04E0503008	0,5	8	18
	J04E0503012	0,5	12	20
	J04E0503016	0,5	16	22
	J04E0503020	0,5	20	23
	J04E0503024	0,5	24	25
	J04E0503036	0,5	36	30
	J04E0503050	0,5	50	33
	J04E1003001	1,0	1	10
	J04E1003002	1,0	2	15
	J04E1003004	1,0	4	17
	J04E1003008	1,0	8	21
	J04E1003012	1,0	12	24
	J04E1003016	1,0	16	26
	J04E1003020	1,0	20	28
	J04E1003024	1,0	24	30
	J04E1003036	1,0	36	35
	J04E1003050	1,0	50	39
	J04E1503001	1,5	1	11
	J04E1503002	1,5	2	17
	J04E1503004	1,5	4	20
	J04E1503008	1,5	8	25
	J04E1503012	1,5	12	28
	J04E1503016	1,5	16	31
	J04E1503020	1,5	20	33
	J04E1503024	1,5	24	36
	J04E1503036	1,5	36	41

J04F Overall Screened + Armoured Jayarm Cable

 <ul style="list-style-type: none"> • Multistrand plain copper conductors • XLPE insulation, TWISTED PAIRS • Tinned copper drain wire • PVC insulated communication cord • Overall aluminium-mylar foil screen • Inner PVC sheath • Galvanised steel wire armouring • PVC sheath – BLACK (FR - Flame Retardant) <ul style="list-style-type: none"> • 300V grade • Black/white numbered pairs <p>For low halogen or halogen free versions, add: *HFFR – Halogen Free Flame Retardant, black with white stripe sheath *LHCL – Low Halogen Chlorine, black with blue stripe sheath</p>	J04F0503001	0,5	1	10
	J04F0503002	0,5	2	14
	J04F0503004	0,5	4	16
	J04F0503008	0,5	8	20
	J04F0503012	0,5	12	22
	J04F0503016	0,5	16	24
	J04F0503020	0,5	20	26
	J04F0503024	0,5	24	27
	J04F0503036	0,5	36	32
	J04F0503050	0,5	50	38
	J04F1003001	1,0	1	11
	J04F1003002	1,0	2	16
	J04F1003004	1,0	4	18
	J04F1003008	1,0	8	23
	J04F1003016	1,0	16	29
	J04F1003020	1,0	20	30
	J04F1003024	1,0	24	32
	J04F1003036	1,0	36	36
	J04F1003050	1,0	50	49
	J04F1503001	1,5	1	12
	J04F1503002	1,5	2	18
	J04F1503004	1,5	4	22
	J04F1503008	1,5	8	27
	J04F1503012	1,5	12	31
	J04F1503016	1,5	16	35
	J04F1503020	1,5	20	36
	J04F1503024	1,5	24	39
	J04F1503036	1,5	36	44

J04G Individually & Overall Screened Jayron Cable

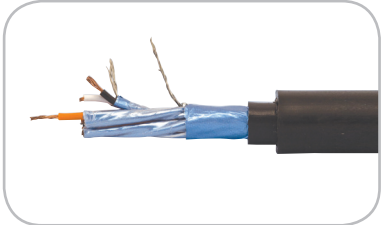


Jaycor Part Number	Conductor Size (mm ²)	No. of pairs	Nominal O.D. (mm)
J04G0503002	0,5	2	10
J04G0503004	0,5	4	12
J04G0503008	0,5	8	15
J04G0503012	0,5	12	18
J04G0503016	0,5	16	20
J04G0503020	0,5	20	22
J04G0503024	0,5	24	24
J04G0503036	0,5	36	28
J04G0503050	0,5	50	32
J04G1003002	1,0	2	12
J04G1003004	1,0	4	14
J04G1003008	1,0	8	18
J04G1003012	1,0	12	22
J04G1003016	1,0	16	24
J04G1003020	1,0	20	27
J04G1003024	1,0	24	29
J04G1003036	1,0	36	34
J04G1003050	1,0	50	39
J04G1503002	1,5	2	14
J04G1503004	1,5	4	17
J04G1503008	1,5	8	22
J04G1503012	1,5	12	26
J04G1503016	1,5	16	29
J04G1503020	1,5	20	32
J04G1503024	1,5	24	35
J04G1503036	1,5	36	40

- Multistrand plain copper conductors
- XLPE insulation, TWISTED PAIRS
- Tinned copper drain wire (for individual screen)
- PVC insulated communication cord
- Individual aluminium-mylar foil screen
- Tinned copper drain wire (for overall screen)
- Overall aluminium-mylar foil screen
- PVC sheath - BLACK (FR - Flame Retardant)
- 300V grade
- Black/white numbered pairs

For low halogen or halogen free versions, add: *HFFR - Halogen Free Flame Retardant, black with white stripe sheath
 *LHCL - Low Halogen Chlorine, black with blue stripe sheath

J04H Individually & Overall Screened Jaybon Cable

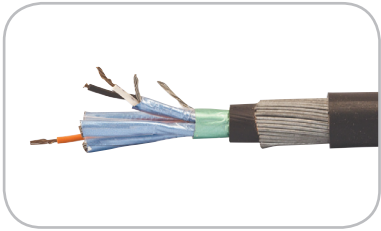


J04H0503002	0,5	2	14
J04H0503004	0,5	4	15
J04H0503008	0,5	8	19
J04H0503012	0,5	12	21
J04H0503016	0,5	16	24 v
J04H0503020	0,5	20	25
J04H0503024	0,5	24	27
J04H0503036	0,5	36	32
J04H0503050	0,5	50	36
J04H1003002	1,0	2	15
J04H1003004	1,0	4	17
J04H1003008	1,0	8	22
J04H1003012	1,0	12	25
J04H1003016	1,0	16	28
J04H1003020	1,0	20	31
J04H1003024	1,0	24	33
J04H1003036	1,0	36	39
J04H1003050	1,0	50	44
J04H1503002	1,5	2	17
J04H1503004	1,5	4	20
J04H1503008	1,5	8	25
J04H1503012	1,5	12	30
J04H1503016	1,5	16	33
J04H1503020	1,5	20	36
J04H1503024	1,5	24	39
J04H1503036	1,5	36	44

- Multistrand plain copper conductors
- XLPE insulation, TWISTED PAIRS
- Tinned copper drain wire (for individual screen)
- PVC insulated communication cord
- Individual aluminium-mylar foil screen
- Tinned copper drain wire (for overall screen)
- Overall aluminium-mylar foil screen
- Inner PVC sheath
- Aluminium-polythene laminated (APL armour sheath)
- 300V grade
- Black/white numbered pairs

For low halogen or halogen free versions, add: *HFFR - Halogen Free Flame Retardant, black with white stripe sheath
 *LHCL - Low Halogen Chlorine, black with blue stripe sheath

J04I Individually & Overall Screened + Armoured Jayarm Cable

	Jaycor Part Number	Conductor Size (mm ²)	No. of pairs	Nominal O.D. (mm)
 <ul style="list-style-type: none"> •Multistrand plain copper conductors. •XLPE insulation, TWISTED PAIRS •Tinned copper drain wire (for individual screen) •PVC insulated communication cord •Individual aluminium-mylar foil screen •Tinned copper drain wire (for overall screen) •Overall aluminium-mylar foil screen •Inner PVC sheath •Galvanised steel wire armouring •PVC sheath - BLACK (FR - Flame Retardant) •300V grade •Black/white numbered pairs <p>For low halogen or halogen free versions, add: *HFFR - Halogen Free Flame Retardant, black with white stripe sheath *LHCL - Low Halogen Chlorine, black with blue stripe sheath</p>	J04I0503002	0,5	2	15
	J04I0503004	0,5	4	16
	J04I0503008	0,5	8	20
	J04I0503012	0,5	12	23
	J04I0503016	0,5	16	26
	J04I0503020	0,5	20	28
	J04I0503024	0,5	24	30
	J04I0503036	0,5	36	35
	J04I0503050	0,5	50	40
	J04I1003002	1,0	2	16
	J04I1003004	1,0	4	18
	J04I1003008	1,0	8	23
	J04I1003012	1,0	12	27
	J04I1003016	1,0	16	31
	J04I1003020	1,0	20	34
	J04I1003024	1,0	24	36
	J04I1003036	1,0	36	42
	J04I1003050	1,0	50	48
	J04I1503002	1,5	2	18
	J04I1503004	1,5	4	22
J04I1503008	1,5	8	28	
J04I1503012	1,5	12	33	
J04I1503016	1,5	16	36	
J04I1503020	1,5	20	40	
J04I1503024	1,5	24	43	
J04I1503036	1,5	36	50	

Panel Wires



J13 Tinned

- Multistrand tinned copper conductors
- PVC insulation
- 750V max. working voltage (r.m.s.)
- Temp.rating: 0°C to +80 °C
- XX - indicate wire colour required:
WH - white, BU - blue, BK - black,
GN - green, RD - red, VI - violet,
OR - orange, PK - pink, BN - brown,
YE - yellow, GY - grey
- Bi-colour insulations also available

J13 Plain Copper

- Multistrand plain copper conductors
- PVC insulation
- 300/500V up to 1,5mm²
- 600/1000V above 1,5mm²
- Temp.rating: 0°C to +80 °C
- XX - indicate wire colour required:
WH - white, BU - blue, BK - black,
GN - green, RD - red, VI - violet,
OR - orange, PK - pink, BN - brown,
YE - yellow, GY - grey,
G/Y - green/yellow

J13XF 1KV

- Very finely stranded plain copper conductors
- PVC (soft grade) insulation
- 1000V grade
- Temp.rating: -15°C to +80°C
- XX - indicates wire colour required



J2500066 Jaysil

- Multistrand plain or tinned copper conductors
- Silicone rubber insulating sheath, various colours available
- 600V grade
- Temp.rating: -60°C to +200°C (250°C Intermittently)

J13 PVC Panel Wires - Tinned Conductors

Jaycor Part Number	Conductor Size (mm ²)	Strandings* No / mm	Nominal O.D. (mm)
J130054401T-XX	0,055	7/0,10	0,75
J130084401T-XX	0,08	10/0,10	1,05
J130154401T-XX	0,15	19/0,10	1,1
J130224401T-XX	0,22	7/0,20	1,25
J130504401T-XX	0,5	16/0,20	1,6
J130754401T-XX	0,75	24/0,20	2,05
J131004401T-XX	1,0	32/0,20	2,55

J13 PVC Panel Wires & Cables - Plain Copper Conductors

J130503/501U-XX	0,5	14/0,21	2,1
J130753/501U-XX	0,75	20/0,21	2,7
J131003/501U-X	1,0	28/0,21	2,9
J131503/501U-XX	1,5	41/0,21	3,2
J132506/1001U-XX	2,5	66/0,21	3,6
J134006/1001U-XX	4	48/0,31	4,5
J136006/1001U-XX	6	72/0,31	5,1
J1310006/1001U-XX	10	126/0,31	6,1
J1316006/1001U -XX	16	200/0,31	7,3
J1325006/1001U-XX	25	312/0,31	9,2
J1335006/1001U-XX	35	440/0,31	9,8
J1350006/1001U-XX	50	632/0,31	12,4
J1370006/1001U-XX	70	904/0,31	14

J13 High Flex 1KV PVC Panel Wires & Cables

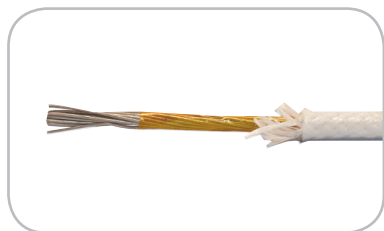
J1301010001XF-XX	0,1	51/0,05	1
J1301410001XF-XX	0,14	72/0,05	1,1
J1302210001XF-XX	0,25	65/0,07	1,4
J1305010001XF-XX	0,5	132/0,07	2
J1307510001XF-XX	0,75	195/0,07	2,2
J1310010001XF-XX	1,0	260/0,07	2,5
J1315010001XF-XX	1,5	192/0,10	3,5
J1325010001XF-XX	2,5	320/0,10	3,8
J1340010001XF-XX	4	512/0,10	5
J1360010001XF-XX	6	768/0,10	6,5
J13100010001XF-XX	10	1280/0,10	7,5
J13160010001XF-XX	16	2048/0,10	9
J13250010001XF-XX	25	3234/0,10	10,5
J13350010001XF-XX	35	4508/0,10	11,7
J13500010001XF-XX	50	6468/0,10	14,7
J13700010001XF-XX	70	8967/0,10	17

J2500066 Jaysil Single Core Silicone Wires & Cables, -60°C to +200°C

J250506601 -XX	0,5	16/0,20	2
J250756601-XX	0,75	24/0,20	2,4
J251006601-XX	1,0	32/0,20	2,6
J251506601-XX	1,5	30/0,25	3
J252506601-XX	2,5	50/0,25	3,6
J254006601-XX	4,0	56/0,30	4,2
J256006601-XX	6,0	84/0,30	5,2
J2510006601	10	80/0,40	7
J2516006601	16	126/0,40	8,3
J2525006601	25	200/0,40	10,3
J2535006601	35	280/0,40	11,6
J2550006601	50	399/0,40	13,9
J2570006601	70	560/0,40	16
J2595006601	95	485/0,50	18,4
J25120006601	120	608/0,50	21,5
J25150006601	150	765/0,50	23
J25185006601	185	942/0,50	25

Extreme Temperature & High Voltage Panel Wires & Cables

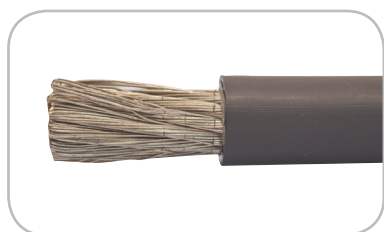
	Jaycor Part Number	Conductor Size (mm ²)	Strandings* No / mm	Nominal O.D. (mm)
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- Multistrand pure nickel conductors
- Kapton tape
- Fibreglass spirals
- Fibreglass silicone impregnated braid sheath
- 300/500V grade
- Temp.rating: -60°C to +400°C (450°C intermittently)

J30 Jaynic Nickel Conductor High-Temp Wires & Cables, -60°C to +400°C

J300223/501	0,22	9/0,18	1,7
J300353/501	0,35	14/0,18	2
J300503/501	0,50	7/0,30	2,1
J300753/501	0,75	11/0,30	2,2
J301003/501	1,0	14/0,30	2,4
J301503/501	1,5	21/0,30	2,7
J302503/501	2,5	20/0,40	3,4
J304003/501	4	32/0,40	4,2
J306003/501	6	84/0,30	5,4
J3010003/501	10	140/0,30	6,9
J3016003/501	16	226/0,30	7,5
J3025003/501	25	196/0,40	9,6
J3035003/501	35	276/0,40	11,5
J3050003/501	50	396/0,40	12,7
J3070003/501	70	360/0,50	16
J3095003/501	95	485/0,50	18
J30120003/501	120	608/0,50	19
J30150003/501	150	756/0,50	22
J30185003/501	185	944/0,50	24
J30240003/501	240	1222/0,50	27



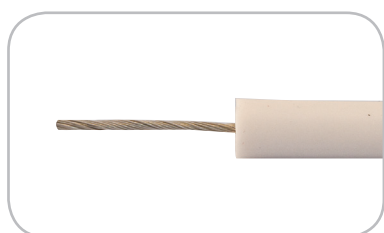
- Tinned copper conductors
- Cross Linked Polyolefin insulation, colour - Grey
- 1900/3300V
- Temperature rating: -60°C to +125°C
- Heavily Oil + Diesel resistant
- Flame Retardant
- BS 4066-1 Suitable for fixed installations within trains and between motor and underframe:

- Connections to coil windings
- Wiring of motor trains
- Control panels and switchgear

Designed to provide enhanced oil resistance to meet British Rail spec: TDE 76/P/16.

Polyrad® 1900/3300V 125°C High Voltage Wires & Cables

JPRD05193301GY	0.50	-	2,1
JPRD07193301GY	0.75	-	2,7
JPRD10193301GY	1.00	-	2,9
JPRD15193301GY	1.50	-	3,2
JPRD25193301GY	2.50	-	3,6
JPRD40193301GY	4.00	-	4,5
JPRD60193301GY	6.00	-	5,1
JPRD100193301GY	10	-	6,1
JPRD160193301GY	16	-	7,3
JPRD250193301GY	25	-	9,2
JPRD350193301GY	35	-	9,8
JPRD500193301GY	50	-	12,4
JPRD700193301GY	70	-	14
JPRD950193301GY	95	-	1
JPRD120019331GY	120	-	1,1
JPRD150019331GY	150	-	1,4
JPRD185019331GY	185	-	2
JPRD240019331GY	240	-	2,2
JPRD300019331GY	300	-	2,5
JPRD400019331GY	400	-	3,5



- Tinned Copper Conductors
- White Silicone Rubber Insulation
- Temperature rating: +180°C

Single Core Silicone Ignition Cables, +180°C

JAYCOR Part Number	Conductor Size (mm ²)	Nominal O.D. (mm)	Suggested Working Voltage Kv	Breakdown Voltage Kv
J25IGN07562MMWH	0,75	6,2	10	20
J25IGN107MMWH	1,0	7	15-20	30

Harsh Environment Teflon & Tefzel Panel Wires & Cables

	Jaycor Part Number	Conductor Size (mm ²)	AWG	Strandings* No / mm	Nominal O.D. (mm)
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- Multistrand tinned copper conductors
- Tefzel (ETFE) insulation

- 600V grade
- X - indicate wire colour required:
0 - black, 1 - brown, 2 - red, 3 - orange,
4 - yellow, 5 - green, 6 - blue, 7 - violet,
8 - grey, 9 - white

M22759 Tefzel® (ETFE) Mil Spec Wires (155°C)

M22759/18-26-X	0,12	26	19/0,10	0,81
M22759/16-24-X	0,22	24	19/0,127	1,14
M22759/16-22-X	0,38	22	19/0,16	1,32
M22759/16-20-X	0,60	20	19/0,20	1,52
M22759/16-18-X	0,90	18	19/0,25	1,80
M22759/16-16-X	1,24	16	19/0,29	2
M22759/16-14-X	2,0	14	19/0,36	2,36
M22759/16-12-X	3,0	12	37/0,32	2,9
M22759/16-10-X	4,6	10	37/0,40	3,53
M22759/16-8-X	8,5	8	133/0,29	5,05
M22759/16-6-X	13,3	6	133/0,36	6,35
M22759/16-4-X	21,15	4	133/0,45	7,92
M22759/16-2-X	32,64	2	665/0,25	9,34
M22759/16-1-X	40,1	1	817/0,25	10,95
M22759/16-0-X	51,3	0	1045/0,25	12,17
M22759/16-00-X	65,3	00	1330/0,25	13,87

- Bi-colour insulations also available
- Temperature rating: -60°C to +155°C

Suitable for aircraft wiring and for applications where high temperature and resistance to chemicals is required.

Specification:
MIL-W-22759/16 and MIL-W-22759/18

Belden® MIL-W-16878/4 Teflon® Wires (200°C)



- Multistrand silver-plated copper conductors
- Teflon TFE Insulation

BLDN83001	0,05	30	7/0,127	0,89
BLDN83002	0,12	26	7/0,160	0,99
BLDN83003	0,22	24	19/0,127	1,09
BLDN83004	0,22	24	7/0,203	1,09
BLDN83006	0,34	22	19/0,160	1,22
BLDN83007	0,5	20	19/0,203	1,42
BLDN83009	0,9	18	19/0,254	1,73
BLDN83010	1,24	16	19/ 0,287	1,93



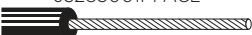


- 600V grade
- Many colours available

For complex, high density wiring applications where excellent electrical properties, small size and low weight are important factors.

- Temperature rating: -65°C to +200°C

Also available in 250V and 1000V grades.

Special Teflon® & Tefzel® Wires for Extreme Temperature & High Voltage Applications

Jaycor Part Number	Conductor size and type	No. of cores/pairs	Cable Construction	Nominal O.D.	Remarks
J5101201PRBU/WH 	26 AWG 19/0,10mm tinned copper	1 pair (blue and white)	ETFE insulation, 2 cores twisted into 1 pair, UNSHEATHED	2mm	UNSHEATHED twisted pair cable, 155°C
J5202201PFACL 	24 AWG 19/0,12mm tinned copper	1 core	Teflon® PFA insulation, CLEAR	1,14mm	600V grade, 200°C
J5203801PFACL 	22 AWG 19/0,154mm tinned copper	1 core	Teflon® PFA insulation, CLEAR	1,32mm	600V grade, 200°C
J5206001PFACL 	20 AWG 19/0,20mm tinned copper	1 core	Teflon® PFA insulation, CLEAR	1,52mm	600V grade, 200°C
J5206001PFACL20 	20 AWG 19/0,20mm tinned copper	1 core	Teflon® PFA insulation, CLEAR	2mm	15KV, 200°C
J5212401PFACL3 	16 AWG 19/0,30mm tinned copper	1 core	Teflon® PFA insulation, CLEAR	3,1mm	200°C
J5285001PFACL 	8 AWG 133/0,276mm tinned copper	1 core	Teflon® PFA insulation, CLEAR	5,05mm	600V grade, 200°C
J550606001CL 	20 AWG 19/0,20mm tinned copper	1 core	ETFE insulation, tinned copper wire braided screen, Teflon® FEP sheath, CLEAR	2,45mm	600V grade, 155°C, single core screened cable
J5506001PFACL 	20 AWG 19/0,20mm tinned copper	1 core	Teflon® PFA insulation, tinned copper wire braided screen, Teflon® PFA sheath, CLEAR	2,45mm	600V grade, 200°C, single core screened cable
J5512401PFACL 	16 AWG 19/0,29mm tinned copper	1 core	Teflon® PFA insulation, tinned copper wire braided screen, Teflon® PFA sheath, CLEAR	2,95mm	600V grade, 200°C, single core screened cable
J5513101PFASPL 	16 AWG 19/0,29mm tinned copper	1 core	Teflon® PFA insulation, tinned copper wire braided screen, Teflon® PFA sheath, GREY	3,9mm	1000V grade, 200°C, single core screened cable
J552006001-WH 	14 AWG 19/0,36mm tinned copper	1 core	ETFE insulation, tinned copper wire braided screen, Teflon® FEP sheath, WHITE	3,3mm	600V grade, 155°C, single core screened cable
J550222503RTD 	0,22mm ² 7/0,20mm tinned copper	3 cores (2 red, 1 white)	ETFE insulation, tinned copper wire braided screen, ETFE sheath, BLACK	3,6mm	Screened R.T.D. Cable, 155°C (PT100)

Thermocouple Cables

Jaycor Part No.	Temp. Rating (Intermittent)	Cable Construction	Conductor Size x No. Cores	Nominal O.D.
J320103 (*) 15002	105°C (115°C)	Multistrand conductors, PVC HT insulated, PVC HT sheathed.	1,5mm ² x 2 core	4,5mm x 7,2mm
J320103 (*) 05002	105°C (115°C)		0,5mm ² x 2 core	5,0mm x 3,2mm
J321380 (*) 15002	155°C (180°C)	Multistrand Conductors, Silicone insulated, Silicone sheathed.	1,5mm ² x 2 core	4,5mm x 7,2mm
J322323 (*) 15002	180°C (250°C)	Multistrand Conductors, fibreglass insulated, fibreglass braid sheathed.	1,5mm ² x 2 core	4,8mm x 3,0mm
J322321 (*) 15002	180°C (250°C)	Multistrand Conductors, fibreglass insulated, fibreglass braid inner sheath, outer tinned copper braid.	1,5mm ² x 2 core	5,2mm x 3,4mm
J323323 (*) 02202	180°C (230°C)	Multistrand conductors, Teflon® FEP insulated, Teflon® FEP sheathed.	0,22mm ² x 2 core	3mm
J323323 (*) 03502	180°C (230°C)		0,35mm ² x 2 core	3,3mm
J323323 (*) 05002	180°C (230°C)		0,5mm ² x 2 core	3,6mm
J323300 (*) 02202	180°C (230°C)	Multistrand conductors, Teflon® FEP insulated, silicone rubber sheathed.	0,22mm ² x 2 core	3,4mm
J323300 (*) 03502	180°C (230°C)		0,35mm ² x 2 core	3,9mm
J323300 (*) 05002	180°C (230°C)		0,5mm ² x 2 core	4,4mm
J323324 (*) 02202	180°C (230°C)	Multistrand conductors, teflon FEP insulated, filling, silverplated copper wire braid, Teflon® FEP sheathed.	0,22mm ² x 2 core	4,4mm
J323324 (*) 03502	180°C (230°C)		0,35mm ² x 2 core	4,7mm
J323324 (*) 05002	180°C (230°C)		0,5mm ² x 2 core	5mm
J323322 (*) 02202	180°C (230°C)	Multistrand conductors, Teflon® FEP insulated, filling, fibreglass braid inner sheath, outer stainless steel wire braid.	0,22mm ² x 2 core	3,2mm
J323322 (*) 03502	180°C (230°C)		0,35mm ² x 2 core	3,5mm
J323322 (*) 05002	180°C (230°C)		0,5mm ² x 2 core	3,8mm
J322324 (*) 05002	180°C (250°C)	Multistrand conductors, fibreglass insulation, filling, fibreglass braid sheath.	0,5mm ² x 2 core	3,9mm
J322324 (*) 05004	180°C (250°C)		0,5mm ² x 4 core	4,6mm
J322322 (*) 05002	180°C (250°C)	Multistrand conductors, fibreglass insulation, filling, fibreglass braid inner sheath, outer stainless steel wire braid.	0,5mm ² x 2 core	4,3mm
J322322 (*) 05004	180°C (250°C)		0,5mm ² x 4 core	5mm
J322350 (*) 01902	180°C (250°C)	Solid conductor, fibreglass insulation, fibreglass braid sheath.	0,196mm ² x 2 core	1,3mm x 2,3mm
J322350 (*) 05002	180°C (250°C)		0,5mm ² x 2 core	1,6mm x 2,9mm
J323325 (*) 02202	260°C (300°C)	Multistrand conductors, PFA insulated, PFA sheathed.	0,22mm ² x 2 core	3mm
J323325 (*) 03502	260°C (300°C)		0,35mm ² x 2 core	3,3mm
J323325 (*) 05002	260°C (300°C)		0,5mm ² x 2 core	3,6mm
J323326 (*) 02202	260°C (300°C)	Multistrand conductors, PFA insulation, filling, nickel plated copper wire braid, PFA sheathed.	0,22mm ² x 2 core	4,4mm
J323326 (*) 03502	260°C (300°C)		0,35mm ² x 2 core	4,7mm
J323326 (*) 05002	260°C (300°C)		0,5mm ² x 2 core	5mm
J323820 (*) 01902	260°C (300°C)	Solid conductor, Teflon® PTFE tape insulated, TWISTED	0,196mm ² x 2 core	1,5mm
J323821 (*) 01902	260°C (300°C)	Solid conductor, Teflon® PTFE tape insulated, Teflon® PTFE tape sheath.	0,196mm ² x 2 core	1,1mm x 2mm
J323822 (*) 01902	260°C (300°C)	Solid conductor, Teflon® PTFE tape insulated, Teflon® PTFE tape inner sheath, outer stainless steel wire braid.	0,196mm ² x 2 core	2,3mm
J323823 (*) 02202	260°C (300°C)	Multistrand conductors, Teflon® PTFE tape insulated, Teflon® PTFE tape inner sheath, overall nickel plated copper braid, Teflon® PTFE tape outer sheath.	0,22mm ² x 2 core	2,8mm
J324321 (*) 02202	260°C (300°C)	Multistrand conductors, Kapton® tape insulated, Kapton® tape sheath.	0,22mm ² x 2 core	2,2mm x 1,2mm
J324321 (*) 03502	260°C (300°C)		0,35mm ² x 2 core	2,4mm x 1,35mm
J324321 (*) 05002	260°C (300°C)		0,5mm ² x 2 core	2,7mm x 1,5mm

Replace (*) with the Type thermocouple - K, J, S, T

28AWG Grey PVC Ribbon Cable
300V Grade - 105°C - 1AMP - 30,5m Reels.

28AWG Colour Coded PVC Ribbon Cable
300V Grade - 105°C - 1AMP - 30,5m Reels.

Jaycor Part Number	Number of cores	Approx. Dimensions (mm)
J58A2810	10	12,5 x 0,9
J58A2814	14	18 x 0,9
J58A2816	16	20 x 0,9
J58A2820	20	25 x 0,9
J58A2824	24	30 x 0,9
J58A2825	25	32 x 0,9
J58A2826	26	33 x 0,9
J58A2830	30	38 x 0,9
J58A2834	34	43 x 0,9
J58A2840	40	51 x 0,9
J58A2850	50	64 x 0,9
J58A2860	60	77 x 0,9
J58A2864	64	81 x 0,9



Jaycor Part Number	Number of cores	Approx. Dimensions (mm)
J58C2810	10	12,5 x 0,9
J58C2814	14	18 x 0,9
J58C2816	16	20 x 0,9
J58C2820	20	25 x 0,9
J58C2824	24	30 x 0,9
J58C2825	25	32 x 0,9
J58C2826	26	33 x 0,9
J58C2830	30	38 x 0,9
J58C2834	34	43 x 0,9
J58C2840	40	51 x 0,9
J58C2850	50	64 x 0,9
J58C2860	60	77 x 0,9
J58C2864	64	81 x 0,9



28 AWG TWIST-FLAT PVC Ribbon Cable
300V Grade - 105°C - 1 Amp - 30,5m Reels
Flat Section ± 50mm, Twisted Section ± 455mm.

28 AWG Round Flat Screened PVC Ribbon Cable
300V Grade - 105°C - 1 Amp - 30,5m Reels.
Flat Section ± 25mm, Slit Section ± 25mm.

Jaycor Part Number	Number of Pairs	Approx. Dimensions (mm)
J58TF2805	5	12,5-13,5 x 1-2
J58TF2807	7	18-19 x 1-2
J58TF2808	8	20-21 x 1-2
J58TF2810	10	25-26 x 1-2
J58TF2813	13	33-34 x 1-2
J58TF2817	17	43-44 x 1-2
J58TF2820	20	51-52 x 1-2
J58TF2825	25	63-64 x 1-2
J58TF2830	30	76-77 x 1-2
J58TF2832	32	81-82 x 1-2



Jaycor Part Number	Number of cores	Nominal O.D
J58RF2820	20	8,5
J58RF2824	24	9,1
J58RF2825	25	9,2
J58RF2826	26	9,3
J58RF2830	30	9,9
J58RF2834	34	10,2
J58RF2840	40	10,4
J58RF2850	50	12,5
J58RF2860	60	13,5
J58RF2864	64	14





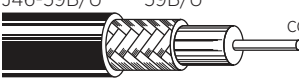
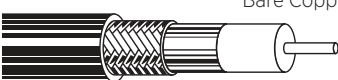

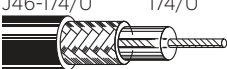



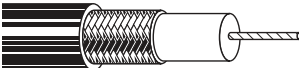
28 AWG Flat Screened PVC Ribbon Cable
150V Grade, 105°C, 1 Amp, 30,5m Rolls

Jaycor Part Number	Number of cores	Approx. Dimensions (mm)
J58JS2814	14	20 x 2,7
J58JS2816	16	23 x 2,7
J58JS2820	20	28 x 2,7
J58JS2825	25	34 x 2,7
J58JS2826	26	35 x 2,7
J58JS2834	34	46 x 3,43
J58JS2840	40	53 x 3,43
J58JS2850	50	66 x 3,43








All cables are suitable for termination with 1,27mm Insulation Displacement Connectors.

Coaxial Cables

Jaycor Part Number	RG Number	Conductor Size and type (No./mm)	Insulation Material	Insulation Diameter (mm)	Screen	Sheath Material	Impedance (Ohm)	Nominal O.D. (mm)	Velocity of Prop. (%)	Capacitance (pF/m)
J46-11A/U	11A/U	7 x 0,4 tinned copper	Polyethylene	7,2	Copper Braid	Black PVC	75	10,3	66	67
		 <p>Voltage:5KV</p>								
J46-58C/U	58C/U	19 x 0,18 tinned copper	Polyethylene	2,95	Tinned Copper Braid	Black PVC	50	5	66	95
		 <p>Voltage:1,9KV</p>								
J46-59B/U	59B/U	1 x 0,58 copperweld steel	Polyethylene	3,7	Copper Braid	Black PVC	75	6,2	66	69
		 <p>Voltage:2,3KV</p>								
BLDN9116	RG6/U	1 x 1,016 Bare Copper Covered Steel	Gas-injected Foam Polyethylene	4,5	Bonded Aluminum Foils + Aluminum Braid	PVC (Black or White)	75	6,8	83	53
										
J46-62A/U	62A/U	1 x 0,64 copperweld steel	Polyethylene	3,7	Copper Braid	Black PVC	93	6,2	84	45
		 <p>Voltage:0,75KV</p>								
J46-174/U	174/U	7 x 0,16 copperweld steel	Polyethylene	1,5	Tinned Copper Braid	Black PVC	50	2,55	66	99
		 <p>Voltage:1,5KV</p>								
J46-213/U	213/U	7 x 0,75 plain copper	Polyethylene	7,25	Copper Braid	Black PVC	50	10,3	66	97
		 <p>Voltage:5KV</p>								
J46-214/U	214/U	7 x 0,75 silverplated copper	Polyethylene	7,25	Silver Plated Copper Double Braid Screen	Black PVC	50	10,8	66	97
		 <p>Voltage:5KV</p>								
J46-223/U	223/U	1 x 0,90 silverplated copper	Polyethylene	2,95	Silver Plated Copper Double Braid Screen	Black PVC	50	5,4	66	97
		 <p>Voltage:1,9KV</p>								
J46-URM70	(RG59 Stranded)	7 x 0,19 plain copper	Polyethylene	3,25	Copper Braid	Black PVC	75	5,8	66	67
		 <p>Voltage:1,8KV</p>								

Other types of RG coaxial cables are available on special request, cables such as RG303, RG142, RG304, RG165, RG225, RG187, RG302, RG140, RG180 and RG195.

MIL-C-17 Teflon Coaxial Cables

Jaycor Part Number	RG Number	Conductor Size and type (No./mm)	Insulation Material	Insulation Diameter (mm)	Screen	Sheath Material	Impedance (Ohm)	Nominal O.D. (mm)	Velocity of Prop. (%)	Capacitance (pF/m)
J46-178B/U 	178B/U	7 x 0,10 Silverplated Copperweld	PTFE Teflon	0,86	Silver Plated Copper	FEP Teflon	50	1,9	69,5	93,5
Voltage: 1KV										
J46-179B/U 	179B/U	7 x 0,10 Silverplated Copperweld	PTFE Teflon	1,6	Silver Plated Copper	FEP Teflon	75	2,54	69,5	64
Voltage: 1,2KV										
J46-188A/U 	188A/U	7 x 0,17 Silverplated Copperweld	PTFE Teflon	1,52	Silver Plated Copper	PTFE Teflon	50	2,79	69,5	95
Voltage: 1,2KV										
J46-196A/U 	196A/U	7 x 0,10 Silverplated Copperweld	PTFE Teflon	0,86	Silver Plated Copper	PTFE Teflon	50	2,03	69,5	93,5
Voltage: 1KV										
J46-316/U 	316/U	7 x 0,17 Silverplated Copperweld	PTFE Teflon	1,52	Silver Plated Copper	FEP Teflon	50	2,59	69,5	95
Voltage: 1,2KV										

Other types of RG coaxial cables are available on special request, cables such as RG303, RG142, RG304, RG165, RG225, RG187, RG302, RG140, RG180 and RG195.

Belden® Low Loss 50 Ohm Transmission Coaxial Cables

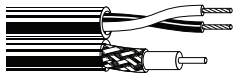
Jaycor Part Number	RF Number	Cond. Size (mm)	Insulation material	Insulation Dia. mm	Screen	Sheath Material	Imp. (Ohm)	Nominal O.D. (mm)	Velocity of Prop. (%)	Capacitance (pF/m)
BLDN7805	RF 100A	0,46	Polyethylene	1,55	Foil + Braid	Black PVC	50	2,79	66	102,4
BLDN7805R	RF 100LL	0,5	Foam HDPE	1,52	Foil + Braid	Grey PVC	50	2,79	73,5	86,0
BLDN7806A	RF 195	0,94	Gas-Injected Foam HDPE	2,79	Duofoil®	Black Polyethylene	50	4,95	77	79,7
BLDN7807A	RF 200	1,12	Gas-Injected Foam HDPE	2,95	Duofoil®	Black Polyethylene	50	4,95	85	77,1
BLDN7808A	RF 240	1,45	Gas-Injected Foam HDPE	3,81	Duobond® II	Black Polyethylene	50	6,0	86	75,5
BLDN7809A	RF 300	1,83	Gas-Injected Foam HDPE	4,83	Duobond® II	Black Polyethylene	50	7,62	86	75,5
BLDN7810A	RF 400	2,75	Gas-Injected Foam HDPE	7,24	Duobond® II	Black Polyethylene	50	10,23	86	75,5
BLDN7976A	RF 500	3,6	Gas-Injected Foam HDPE	9,4	Duobond® II	Black Polyethylene	50	12,7	84	82,4
BLDN7977A	RF 600	4,47	Gas-Injected Foam HDPE	11,6	Duobond® II	Black Polyethylene	50	14,99	85	80,7

Specialized Coaxial Cables

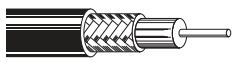
Part no.	Conductor Size	Standard Lengths m	Standard Unit Weight kg	Insulation Nom. OD mm	Screen Coverage	Nominal OD mm	Nominal Impedance (Ω)
----------	----------------	-----------------------	----------------------------	--------------------------	-----------------	------------------	-----------------------

Composite: Coax + Twisted Pair LSZH (Low Smoke Zero Halogen)



Coax: RG59-Type foam polyethylene insulation, BC Braid Screen, Grey LSZH Sheath
Pair: Polyethylene insulation, Grey LSOH Jacket. Color Code: Black and Red

BLDN449945	Coax: 0,8mm (Solid BC)	305	27.3	3.68	95% BC	11,7	75
	Pair: 0,9mm ²			1.70	Unshielded		
70°C							

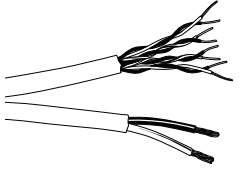
RG59-Type Foam polyethylene Insulation, *BC Braid Screen, Grey LSZH PVC Sheath

BLDN443945	0,8mm (Solid BC)	305	14.5	3.68	95% BC	5,9	75
							
70°C							

Low Loss Serial Digital Coax, RG-6U Type, Low-Smoke Zero-Halogen Sheath

BLDN1694SB	1mm	305	20.9	4.57	95% TC	6,96	75
							
	Sweep tested 5 MHz to 4.5 GHz						

Composite • (1) Cat 5e 4-Bonded-Pair UTP 24 AWG • (2) 16 AWG (19x29) 1.47 mm Tinned Copper Conductors, PVC Sheath

BLDN5288US	4-Pair UTP 0.50 mm Solid BC (Polyolefin Insulation)	305	23.6	n/a	Unshielded	5,03	n/a
	2-Conductor 1,24mm ² (PVC Insulation)			n/a	Unshielded	5,74	n/a
70°C							

- *BC Bare Copper
- *TC Tinned Copper
- *LSZH Low Smoke Zero Halogen
- *PTZ Pan Tilt Zoom
- *n/a Not Applicable

Coaxial Connectors

Jaycor Part Number	Description
JCUG88/U*	BNC Straight Plug, Solder 5mm
JCUG260/U*	BNC Straight Plug, Solder 6mm
JCUG1785/U*	BNC Straight Plug, Crimp 5mm
JCUG1789/U*	BNC Straight Plug, Crimp 6mm
JCUG290/U*	BNC Panel Socket
JCUG1094/U*	BNC Bulkhead Socket
JCUG89C/U*	BNC Straight Jack, Solder 5mm
JCUG909A/U*	BNC Bulkhead Jack, Solder 5mm
JCUG913/U*	BNC Elbow Plug, Solder 5mm
JCUG914/U*	BNC Straight 'Barrel' Adaptor F-F
JCUG274/U*	BNC 'T' Adaptor F-F-M
JCUG491/U*	BNC Straight 'Barrel' Adaptor M-M
JCUG492/U*	BNC Bulkhead Straight Adaptor F-F
JCUG306/U*	BNC Elbow Adaptor M-F
JCUG1798/U*	BNC Straight Jack, Crimp 6mm
JCUG959A/U*	BNC Straight Plug, Solder 10mm
JCBNCTFFF*	BNC 'T' Adaptor F-F-F
JCBNCSTAFF75*	BNC Straight 'Barrel' Adaptor F-F (75 ohm)
JCBNCBT5MMHQ	BNC PVC Boot for 5 mm cable, High Quality
JCBNCBT6MMHQ	BNC PVC Boot for 6 mm cable, High Quality
JCBNCSTJS59*	BNC Straight Jack, Solder 6mm
JCUG1804/U*	BNC Bulkhead Jack, Crimp 5mm
JCUG1807/U*	BNC Bulkhead Jack, Crimp 6mm
JCBNCSTPS20*	BNC Straight Plug, Solder 2mm
JCBNCSTPS27*	BNC Straight Plug, Solder 2,7mm
JCBNCSTPC27*	BNC Straight Plug, Crimp 2,7mm

Jaycor Part Number	Description
JCUG536/U*	N-Type Straight Plug, Solder, 5 mm
JCUG21B/U*	N-Type Straight Plug, Solder, 10 mm
JCUG23D/U*	N-Type Straight Jack, Solder, 10 mm
JCUG58/U*	N-Type Panel Socket
JCUG30B/U*	N-Type Bulkhead Adaptor F-F
JCNELPS52*	N-Type Elbow Plug, Solder, 5 mm
JCNELPS213*	N-Type Elbow Plug, Solder, 10 mm
JCNSTPC58*	N-Type Straight Plug, Crimp, 5 mm
JCNSTPC213*	N-Type Straight Plug, Crimp, 10 mm
JCNSTJC213*	N-Type Straight Jack, Crimp, 10 mm
JCUG29/U*	N-Type Straight 'Barrel' Adaptor F-F
JCCN0041*	N-Type Bulkhead Socket
JCUG107B/U*	N-Type 'T' Adaptor F-F-M
JCUG28A/U*	N-Type 'T' Adaptor F-F-F
JCUG57B/U*	N-Type Straight Barrel Adaptor M-M



Jaycor Part Number	Description
JCPL259*	UHF Straight Plug, Solder, 10 mm
JCPL259/6*	UHF Straight Plug, Solder, 5/6 mm
JCSO239*	UHF Panel Socket
JCPL258*	UHF Straight 'Barrel' Adaptor F-F
JCM359 A*	UHF Elbow Adaptor M-F
JCUHFBS*	UHF Bulkhead Socket
JCUHFSTPC58*	UHF Straight Plug, Crimp, 5 mm
JCUHFSTPC213*	UHF Straight Plug, Crimp, 10 mm
JCUG175/U*	UHF Reducer PL259 5,3 mm
JCM358*	UHF 'T' Adaptor F-F-M
JCUHFSTPC59*	UHF Straight Plug, Crimp, 6 mm

Jaycor Part Number	Description
JCUG201/U*	BNC Female - N Male Inline 'Barrel' Adaptor
JCUG255/U*	BNC Male - UHF Female Inline 'Barrel' Adaptor
JCUG273/U*	BNC Female - UHF Male Inline 'Barrel' Adaptor
JCUG349/U*	BNC Male - N Female Inline 'Barrel' Adaptor
JCUG606/U*	BNC Female - N Female Inline 'Barrel' Adaptor
JCUG146/U*	N Male - UHF Female Inline 'Barrel' Adaptor
JCUG83/U*	N Female - UHF Male Inline 'Barrel' Adaptor

* Indicate whether a budget (B) or a high quality (H) type is required.
 - Crimping tools for all types of coaxial connectors are also available.

Many other types of specialised coaxial connectors are available, please contact your local Jaycor sales office for more information.


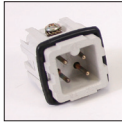




D-Type Connectors



* Indicate whether a budget (B) or a high quality (H) type is required.
 **IDC - Insulation Displacement Connector.

Jaycor Part Number	Description	Jaycor Part Number	Description	Jaycor Part Number	Description
Solder Pot Connectors		Crimp Connectors		Straight PCB (Printed Circuit Board) Connectors	
JCDE9P*	9 Pin D-Sub Plug Solder	JCDEC9P*	9 Pin D-Type Crimp Plug Shell	JCDEN9P*	9 Pin D-Type Straight Plug PCB
JCDE9S*	9 Pin D-Sub Socket Solder	JCDEC9S*	9 Pin D-Type Crimp Socket Shell	JCDEN9S*	9 Pin D-Type Straight Socket PCB
JCDA15P*	15 Pin D-Sub Plug Solder	JCDAC15P*	15 Pin D-Type Crimp Plug Shell	JCDAN15P*	15 Pin D-Type Straight Plug PCB
JCDA15S*	15 Pin D-Sub Socket Solder	JCDAC15S*	15 Pin D-Type Crimp Socket Shell	JCDAN15S*	15 Pin D-Type Straight Socket PCB
JCDB25P*	25 Pin D-Sub Plug Socket	JCDBC25P*	25 Pin D-Type Crimp Plug Shell	JCDBN25P*	25 Pin D-Type Straight Plug PCB
JCDB25S*	25 Pin D-Sub Socket Solder	JCDBC25S*	25 Pin D-Type Crimp Socket Shell	JCDBN25S*	25 Pin D-Type Straight Socket PCB
JCDC37P*	37 Pin Plug D-Sub Solder	JCDCC37P*	37 Pin D-Type Crimp Plug Shell	JCDCN37P*	37 Pin D-Type Straight Plug PCB
JCDC37S*	37 Pin D-Sub Socket Solder	JCDCC37S*	37 Pin D-Type Crimp Socket Shell	JCDCN37S*	37 Pin D-Type Straight Socket PCB
JCDD50P*	50 Pin D-Sub Plug Solder	JCDDC50P*	50 Pin D-Type Crimp Plug Shell	JCDDN50P*	50 Pin D-Type Straight Plug PCB
JCDD50S*	50 Pin D-Sub Socket Solder	JCDDC50S*	50 Pin D-Type Socket Shell	JCDDN50S*	50 Pin D-Type Straight Socket PCB
			(Crimp Pins Supplied Separately)		
Jaycor Part Number	Description	Jaycor Part Number	Description	Jaycor Part Number	Description
D-Sub High Density Connectors, solder		Right Angle PCB (Printed Circuit Board) Connectors		**IDC Connectors for Ribbon Cables	
JCDSUB15PBHD	15 Pin D-Sub High Density Plug	JCDEM9P*	9 Pin D-Type Right Angle Plug PCB	JCFDA15P*	15 Pin IDC Plug
JCDSUB15SBHD	15 Pin D-Sub High Density Socket	JCDEM9S*	9 Pin D-Type Right Angle Socket PCB	JCFDA15S*	15 Pin IDC Socket
JCDSUB26PBHD	26 Pin D-Sub High Density Plug	JCDAM15P*	15 Pin D-Type Right Angle Plug PCB	JCFDB25P*	25 Pin IDC Plug
JCDSUB26SBHD	26 Pin D-Sub High Density Socket	JCDAM15S*	15 Pin D-Type Right Angle Socket PCB	JCFDB25S*	25 Pin IDC Socket
JCDSUB44PBHD	44 Pin D-Sub High Density Plug	JCDBM25P*	25 Pin D-Type Right Angle Plug PCB	JCFDC37P*	37 Pin IDC Plug
JCDSUB44SBHD	44 Pin D-Sub High Density Socket	JCDBM25S*	25 Pin D-Type Right Angle Socket PCB	JCFDC37S*	37 Pin IDC Socket
JCDSUB62PBHD	62 Pin D-Sub High Density Plug	JCDCM37P*	37 Pin D-Type Right Angle Plug PCB		
JCDSUB62SBHD	62 Pin D-Sub High Density Socket	JCDCM37S*	37 Pin D-Type Right Angle Socket PCB		
JCDSUB78PBHD	78 Pin D-Sub High Density Plug	JCDDM50P*	50 Pin D-Type Right Angle Plug PCB		
JCDSUB78SBHD	78 Pin D-Sub High Density Socket	JCDDM50S*	50 Pin D-Type Right Angle Socket PCB		
JCDSUB104PBHD	104 Pin D-Sub High Density Plug				
JCDSUB104SBHD	104 Pin D-Sub High Density Socket				
Jaycor Part Number	Description	Jaycor Part Number	Description	Jaycor Part Number	Description
Grey Plastic Covers		Grey Plastic Covers with Thumbscrews		D-Type Subminiature Metal Covers	
JCGPCDE9B	9 Pin Grey Plastic Cover	JCGPCTSDE9*	9 Pin Grey Plastic Cover with Thumbscrews	JCDC09HMH	9 Pin Metal D-Sub Cover
JCGPCDA15B	15 Pin Grey Plastic Cover	JCGPCTSDA15*	15 Pin Grey Plastic Cover with Thumbscrews	JCDC09HMHRTATS	9 Pin Metal Right Angle Cover, with thumbscrew
JCGPCDB25B	25 Pin Grey Plastic Cover	JCGPCTSDB25*	25 Pin Grey Plastic Cover with Thumbscrews	JDCD15HMH	15 Pin Metal D-Sub Cover
JCGPCDC37B	37 Pin Grey Plastic Cover	JCGPCTSDC37*	37 Pin Grey Plastic Cover with Thumbscrews	JDCD15HMHRA	15 Pin Metal Right Angle Cover
JCGPCDD50B	50 Pin Grey Plastic Cover	JCGPCTSDD50*	50 Pin Grey Plastic Cover with Thumbscrews	JDCD25HMH	25 Pin Metal D-Sub Cover

Rectangular Multipole Connectors

Female Inserts		Male Inserts	
	3 poles + E Part No: JCCKF03		3 poles + E Part No: JCCKM03
	4 poles + E Part No: JCCKF04		4 poles + E Part No: JCCKM04
	7 poles + E (shell only) Part No: JCCDF07 (Uses female crimp pins - See Below)		7 poles + E (shell only) Part No: JCCDM07 (Uses male crimp pins - See Below)
Female Silver Crimp Pin 0,14mm ² /0,37mm ² Conductor: JCCDFA0,3		Male Silver Crimp Pin 0,14mm ² /0,37mm ² Conductor: JCCDMA0,3	
Female Silver Crimp Pin 1,0mm ² Conductor: JCCDFA1,0		Male Silver Crimp Pin 1,0mm ² Conductor: JCCDMA1,0	

Housings		Straight Bulkhead Types: Thermoplastic: JCCK031 Metal: JCCKA031		Angled bulkhead types: Thermoplastic: JCCK031A Metal: JCCKA031A
		Standard Hoods Thermoplastic: JCCK03V Metal: JCCKA03V		Hoods with coupling clips: Thermoplastic: JCCK03VG Metal: JCCKA03VG
Right Angle Hoods		Right Angle Hoods Thermoplastic: JCCK03VA Metal: JCCKA03VA		
Housing Covers		Thermoplastic: JCCK03C Metal: JCCKA03C		

Rectangular Multipole Connectors

Inserts	Female Inserts		Male Inserts		
		Poles 6+E 10+E 16+E 24+E	Part No. JCCNF06 JCCFN10 JCCNF16 JCCNF24		Poles 6+E 10+E 16+E 24+E
Housings	Bulkhead Type		Surface Type		
		Poles 6+E 10+E 16+E 24+E	Part No. JCCHI06L (1 Lever) JCCHI10 JCCHI16 JCCHI24		Poles 6+E 10+E 16+E 24+E
Housings with Covers	Bulkhead Type with Spring Cover		Surface Type with Spring Cover		
		Poles 6+E 10+E 16+E 24+E	Part No. JCCHI06LS JCCHI10LS JCCHI16LS JCCHI24LS		Poles 6+E 10+E 16+E 24+E
Hoods	Side Entry		Top Entry		
		Poles 6+E 10+E 16+E 24+E	Part No. JCCHO06L 13 (1 Lever) JCCHO10 JCCHO16 JCCHO24		Poles 6+E 10+E 16+E 24+E
Hoods for Housings with Spring Covers	Side Entry (1 Lever)		Top Entry (1 Lever)		
		Poles 6+E 10+E 16+E 24+E	Part No. JCCHO06L13 JCCHO10L JCCHO16L JCCHO24L		Poles 6+E 10+E 16+E 24+E
Hoods with Lever's	Top Entry				
		Poles 6+E 10+E 16+E 24+E	Part No. JCCHV06LG (1 Lever) JCCHV10LG JCCHV16LG JCCHV24LG		
Dust Covers	Covers for Housings		Covers for Hoods		
		Poles 6+E 10+E 16+E 24+E	Part No. JCCHC06L (1 Lever) JCCHC10 JCCHC16 JCCHC24		Poles 6+E 10+E 16+E 24+E
Accessories	Cable sealing gland in brass with multiple gasket (various sizes)		Screw connection for flexible conduits in nickel-plated brass (various sizes)		
					
Cable clamp with collar (various sizes)				blocking screw (various sizes)	
					

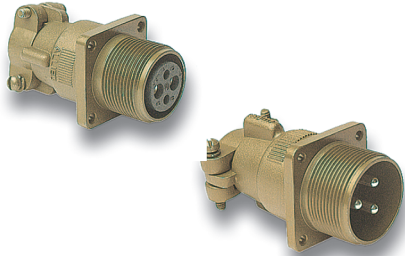
Rectangular Multipole Connectors

Inserts		Female Inserts Poles 16+E (1-16) 24+E (1-24) 16+E (17-32) 24+E (25-48)	Part No. JCCNF16 JCCFN24 JCCNF16N JCCNF24N		Male Inserts Poles 16+E (1-16) 24+E (1-24) 16+E (17-32) 24+E (25-48)	Part No. JCCNM16 JCCFM24 JCCNM16N JCCNM24N
	Housings		Bulkhead Type Poles 32+E	Part No. JCCHI32		Surface Type Poles 32+E
Housings with Covers			Bulkhead Type with Spring Cover Poles 32+E 48+E	Part No. JCCHI32LS JCCHI48LS		Surface Type with Spring Cover Poles 32+E 48+E
	Hoods		Side Entry Poles 32+E	Part No. JCCHO32		Top Entry Poles 32+E
Hoods for Housings with Spring Covers			Side Entry (1 Lever) Poles 32+E 48+E	Part No. JCCHO32L JCCNE48OP		Top Entry (1 Lever) Poles 32+E 48+E
	Hoods with Lever's		Top Entry Poles 32+E	Part No. JCCHV32G		
Dust Covers			Covers for Housings Poles 32+E	Part No. JCCHC32		Covers for Hoods Poles 32+E
	Accessories		Cable sealing gland in brass with multiple gasket (various sizes)			Screw connection for flexible conduits in nickel-plated brass (various sizes)
			Cable clamp with collar (various sizes)			blocking screw (various sizes)

MIL-C-5015 Series Connectors MS Threaded Coupling



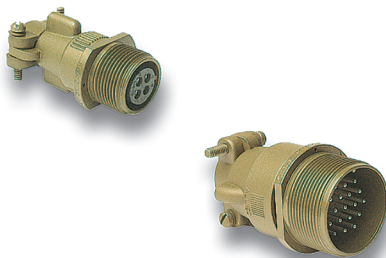
MS 3100E / MS 3100F



WALL MOUNTING RECEPTACLE WITH INTEGRAL CABLE CLAMP

MS 3100E or MS 3100F wall mounting receptacles are used to carry wires through walls or bulkheads or to provide a means of disconnection at a Bulkhead. MS 3100E or MS 3100F receptacles mate with 3106 and 3108 styles. For new equipment customers should specify MS 3100F.

MS 3101E / 3101F



CABLE CONNECTOR WITH INTEGRAL CABLE CLAMP

MS 3101E or MS 3101F cable connectors are used for cable extension requirements, where mounting provisions are unnecessary. MS 3101E or MS 3101F connectors mate with 3106 and 3108 styles. For new equipment customers should specify MS 3100F.

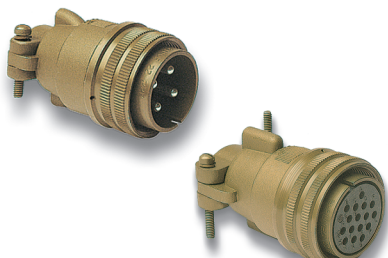
MS 3102E / MS 3102R



BOX MOUNTING RECEPTACLE

MS 3102E and MS 3102R box mounting receptacles are used in junction boxes or as an integral part of equipment. These connectors are identical in construction and mate with 3106 and 3108 styles. For new equipment customers should specify MS 3102R.

MS 3106E / MS 3106F



STRAIGHT CABLE CONNECTOR WITH INTEGRAL CABLE CLAMP

MS 3106E and MS 3106F straight cable connectors mate with 3100, 3101 and 3102 styles. MS 3106F is identical to MS 3106E except for 'O' ring under the coupling nut, thus effecting a seal. For new equipment customers should specify MS 3106F.

MS 3108E / 3108F



90 ° ANGLE CONNECTOR

MS 3108E 90 ° cable connectors (without "O" ring seal with cable clamp) are used where there is limited space and where wires must be brought at abrupt angles. This connector mate with 3100, 3101 and 3102 styles. MS 3108F is identical to MS 3108E except for "O" ring under the coupling nut.

MS Connector Part Number Construction



Example:

MS 3102 R 28-21 S W - GP - C&C - XX

PREFIX

Military Standard for E, F & R Construction

SHELL STYLES

- 3100 - Wall mounting Receptacle
- 3101 - Cable Mounting Connector
- 3102 - Box / Panel Mounting Receptacle
- 3106- Cable Connector - Straight
- 3108- Cable Connector - angular

SHELL CONSTRUCTION

- E - Environment Resistance (With cable clamp for cable end connector)
- F - Environment Resistance (With cable clamp & "O" ring for 3106 & 3108 cable connector)
- R - Environment Resistance (for Receptacle 3102)

INSERT NUMBER

Consist of Shell Size 10SL, 12S, 14S, 16S, 16 18,20,22,24,28,32,36,40,44 and Contact arrangement code number of pin configuration as per JSS 50812(MIL-C-5015)
See Pages 6 to 11

CONTACT TYPE

- P - Male
- S - Female

ALTERNATE INSERT POSITION

W, X, Y or Z for alternate position depending on insert (Omit for standard position.)
See Pages 12 & 13

*** SPECIAL**

- GP - Flash Gold Plated Contacts
- SI - Silicon Insert
- NI - Nickel Plated Shell (Omit for standard)
- ENI - Electroless Nickel plated shell
- ZCG - Cadmium Free Zinc Alloy, Plating-Green

ACCESSORIES

- C & C - Cap and Chain Assembly
- TB - Telescoping Bushing
- DC - Dust Cap
- SQG - Square Gasket for Receptacle 3100, 3102 (Accessories are not in scope of standard supply)
See Pages 17 to 21

MODIFICATION

- A-30 - Crimp contacts-Silver plated
- C-30 - Crimp contacts - Flash Gold plated-Available in select contact sizes
- 211 - Less backshell grommet & follower
- PMC - Pre Mating Contact (Modifications are not in scope of standard supply)



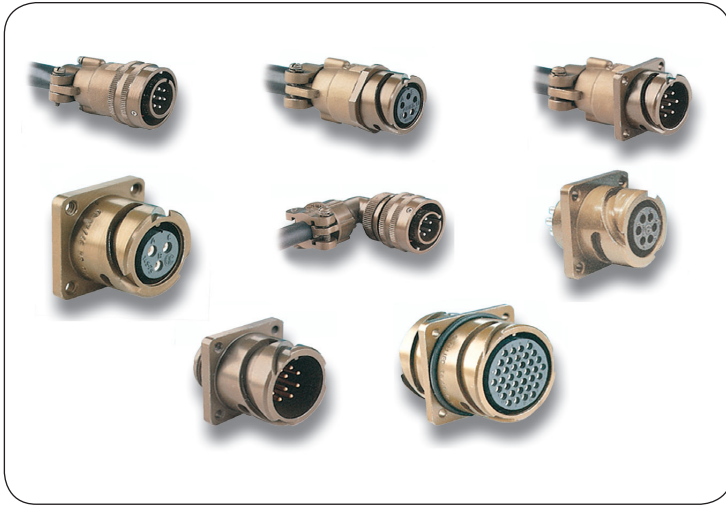
SERVICE RATING	INST	A	D	E	B	C
Test Voltage at Sea level VAC (rms)	1000	2000	2800	3500	4500	7000
Rated Working Voltage - DC At Sea level AC (rms)	250 200	700 500	1250 900	1750 1250	2450 1750	4200 3000
Effective Creepage - Inch (nominal) - mm	1/16 1.57	1/8 3.18	3/16 4.75	1/4 6.35	5/16 7.92	1 25.40
Mechanical Spacing - Inch (nominal) - mm	- -	1/16 1.57	1/8 3.18	3/16 4.75	1/4 6.35	5/16 7.92

CONTACT SIZE	WIRE SIZE Dia (mm)	OD OF INSULATED WIRE		MAXIMUM TEST CURRENT Amps	RATED CURRENT Amps
		Max. (mm)	Min. (mm)		
16	0.80	3.30	1.63	22	13
	1.00				
	1.25				
12	1.60	4.32	2.90	41	23
	2.00				
8	2.50	6.48	4.17	73	46
	3.15				
4	4.00	9.40	6.90	135	80
	5.00				
0	6.30	13.98	10.55	245	150
	8.00				

GENERAL SPECIFICATION

Shell Housing	Aluminium Alloy
Plating	Olive Drab Cadmium
Insulator	Polychloroprene
Contact Material	Copper Base Alloy - Silver Plated
Mating Cycle	500
Operating Temperature	- 55 ° C / + 125 ° C
Insulation Resistance	Min. 5000 Meg Ohms at 500 VDC
Current Rating	Upto 150 Amps. (Depends on Contact Arrangement)
Working Voltage	200 to 3000 VAC rms (Depends on Contact Arrangement)
Wire Termination	Solder Type

MIL-C-5015 Series Connectors MG Bayonet Coupling

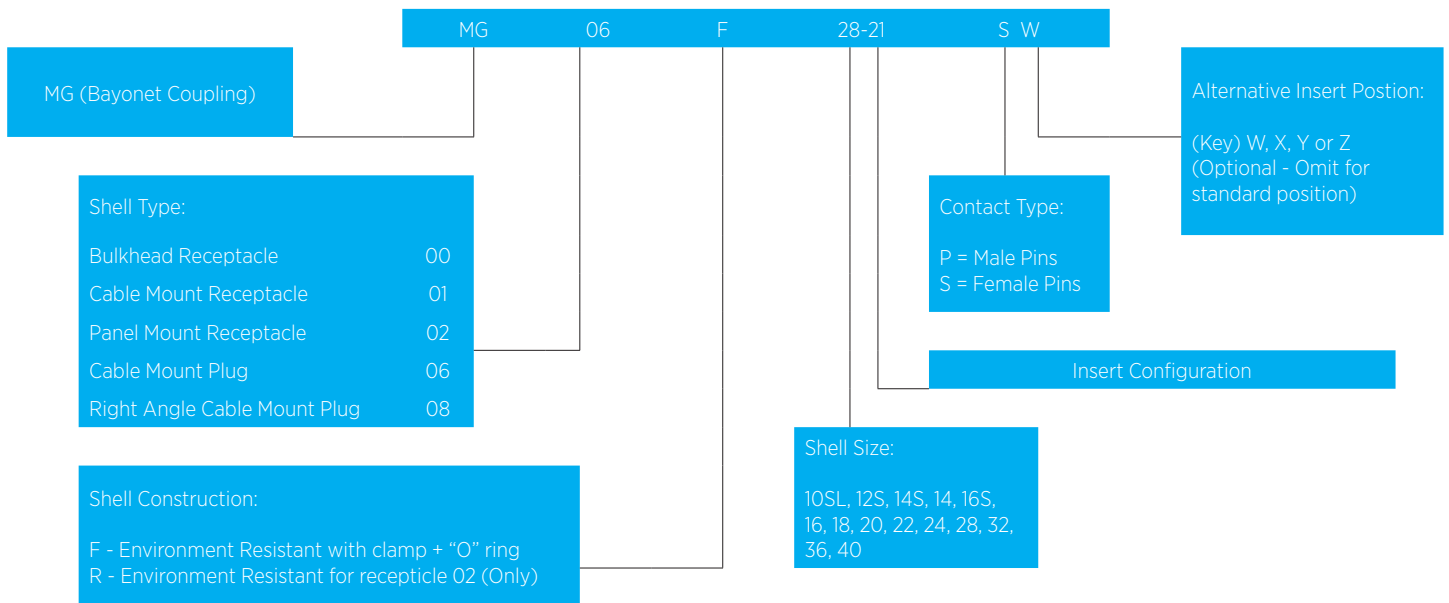


MG circular bayonet coupling connectors are MIL-C-5015 'type' connectors that provide superior performance.

MG Bayonet is designed for the most difficult environmental conditions. The insulators, grommets and 'O' rings are all made of high quality polychloroprene that can withstand temperature extremes from -55°C to + 125°C. to be used in industrial processing plants, power stations, factories and any other required indoor or outdoor applications.

The number of contacts available can range from 1 to 150 including mixed high and low current options, and there are various connector shell styles to choose from to suit your application. A quick 120 degree turn of the coupling nut and it audibly locks into place.

MG Connector Part Number Construction



MATERIAL AND FINISHES

ITEM	MATERIAL	FINISH
Shell	Aluminium Alloy	Olive Drab chromate coating over cadmium plating. Special Finish : (Refer to Connector Ordering Guidelines)
Insulator	Polychloroprene	--
Grommets	Polychloroprene	--
Contacts	Copper Alloy	Silver Plated

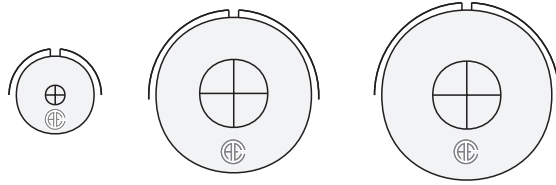
ELECTRICAL DATA

CONTACT SIZE	CONTACT RATING	CONTACT RESISTANCE
Awg	Max test Current A	Max contact Res. mΩ
16S	22	6
16	22	6
12	41	3
8	73	1
4	135	0.3
0	245	0.2

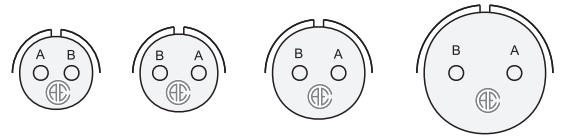
MIL-C-5015 Insert Configurations



1

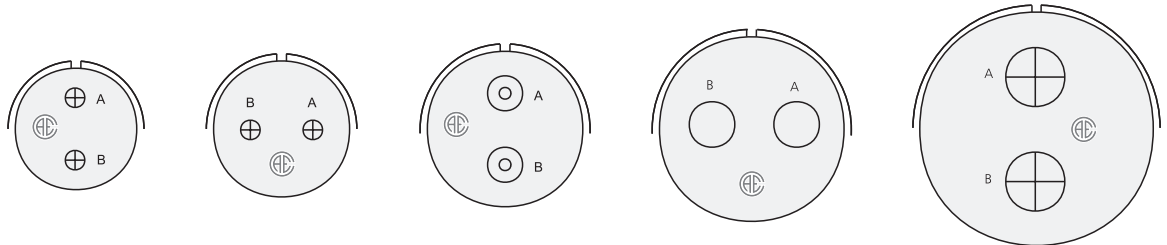


2



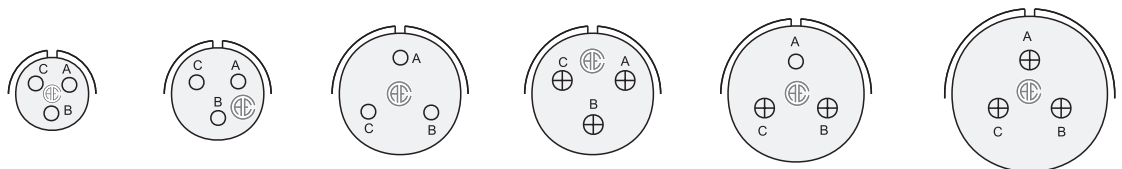
ARRANGEMENT	12 - 5	20 - 2	22 - 7	10SL - 4	12S - 3	14S - 9	16S - 4
NO. OF CONTACTS	1	1	1	2	2	2	2
CONTACT SIZE	12	0	0	16	16	16	16
SERVICE RATING	D	D	E	A	A	A	D

2



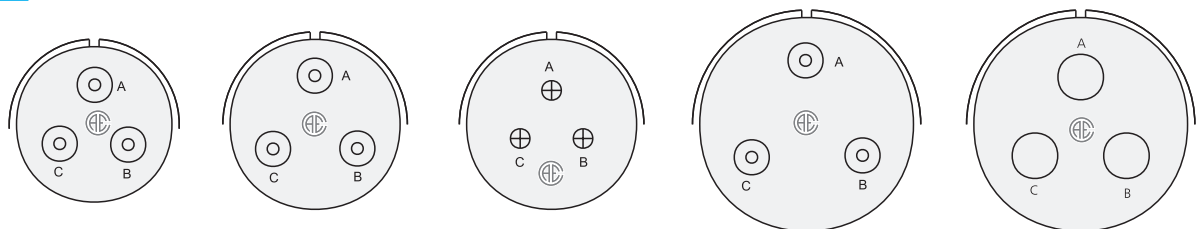
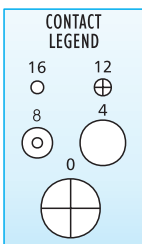
ARRANGEMENT	16 - 11	18 - 3	20 - 23	24 - 9	32 - 5
NO. OF CONTACTS	2	2	2	2	2
CONTACT SIZE	12	12	8	4	0
SERVICE RATING	A	D	A	A	D

3



ARRANGEMENT	10SL - 3	14S - 7	16S - 5	16 - 10	18 - 5	20 - 3
NO. OF CONTACTS	3	3	3	3	3	3
CONTACT SIZE	16	16	16	12	2-12, 1-16	12
SERVICE RATING	A	A	A	A	D	D

3

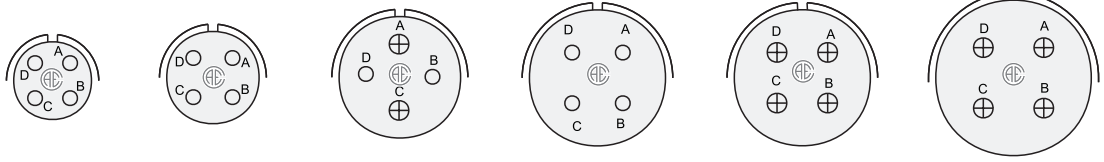


ARRANGEMENT	20 - 19	22 - 2	22 - 9	28 - 3	28 - 6
NO. OF CONTACTS	3	3	3	3	3
CONTACT SIZE	8	8	12	8	4
SERVICE RATING	A	D	E	E	D

MIL-C-5015 Insert Configurations

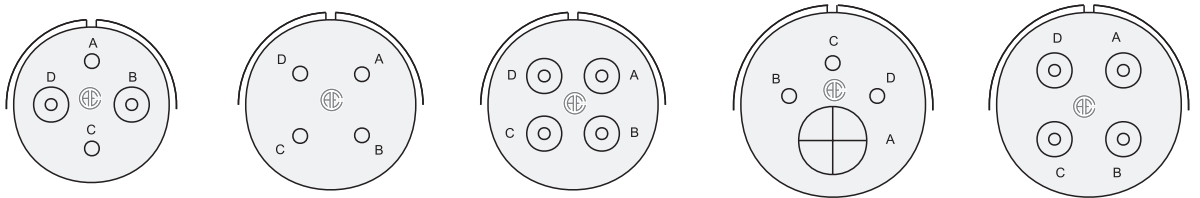


4



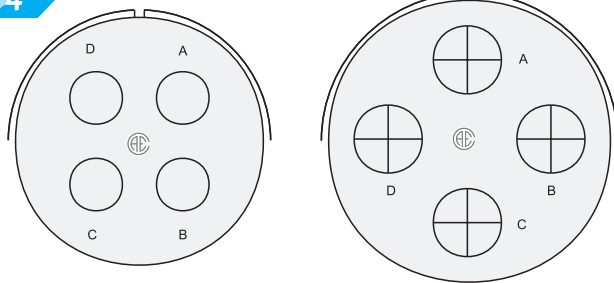
ARRANGEMENT	12SP - 10	14S - 2	16 - 9	18 - 4	18 - 10	20 - 4
NO. OF CONTACTS	4	4	4	4	4	4
CONTACT SIZE	16	16	2-12, 2-16	16	12	12
SERVICE RATING	INST.	INST.	A	D	A	D

4

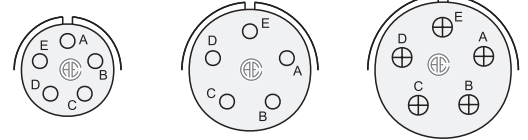


ARRANGEMENT	20 - 24	22 - 10	22 - 22	24 - 4	24 - 22
NO. OF CONTACTS	4	4	4	4	4
CONTACT SIZE	2-8, 2-16	16	8	1-0, 3-16	8
SERVICE RATING	A	E	A	D	D

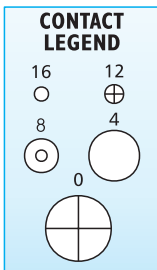
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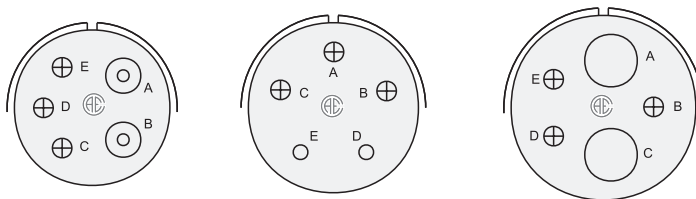
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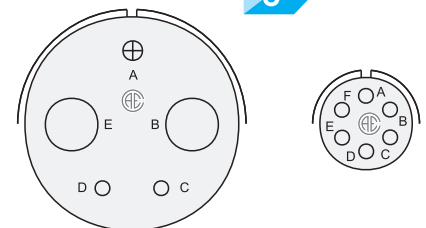
ARRANGEMENT	32 - 17	36 - 5	14S - 5	16S - 8	18 - 11
NO. OF CONTACTS	4	4	5	5	5
CONTACT SIZE	4	0	16	16	12
SERVICE RATING	D	A	INST.	A	A



5



6

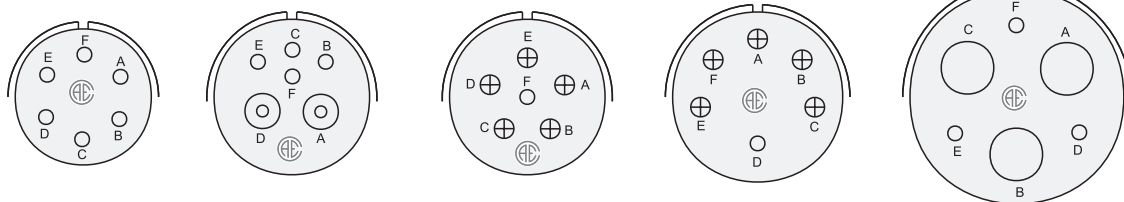


ARRANGEMENT	20 - 14	22 - 34	24 - 12	28 - 5	14S - 6
NO. OF CONTACTS	5	5	5	5	6
CONTACT SIZE	2-8, 3-12	3-12, 2-16	2-4, 3-12	2-4, 1-12, 2-16	16
SERVICE RATING	A	D	A	D	INST.

MIL-C-5015 Insert Configurations

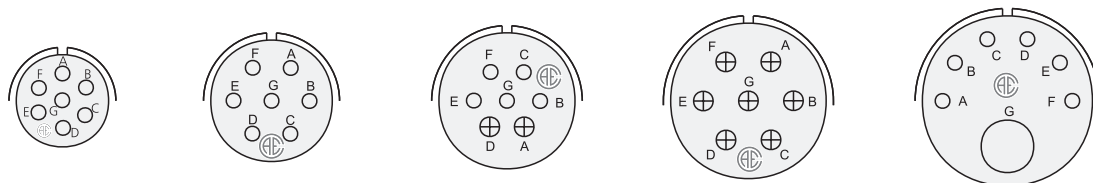


6



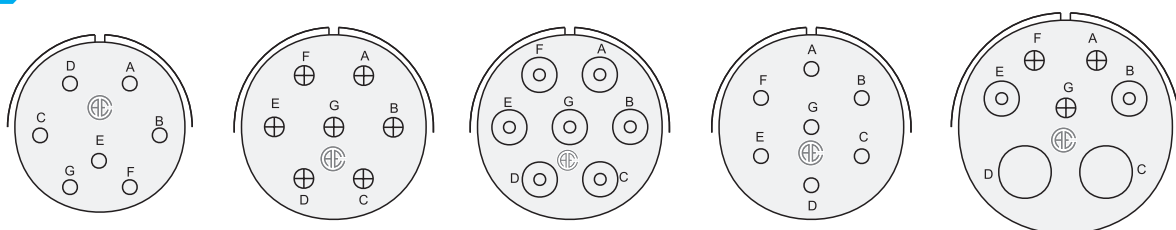
ARRANGEMENT	18 - 12	20 - 8	20 - 17	22 - 15	28 - 22
NO. OF CONTACTS	6	6	6	6	6
CONTACT SIZE	16	2-8, 4-16	5-12, 1-16	5-12, 1-16	3-4, 3-16
SERVICE RATING	A	INST.	A	D = E, ABCEF = A	D

7



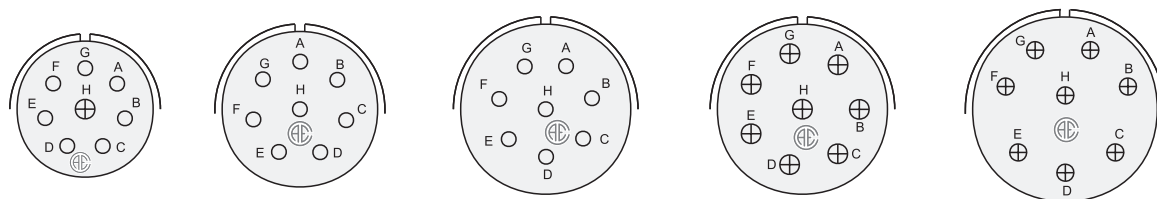
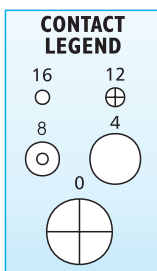
ARRANGEMENT	14SA - 61	16 - 1	18 - 9	20 - 15	22 - 29
NO. OF CONTACTS	7	7	7	7	7
CONTACT SIZE	16	16	2-12, 5-16	12	1-4, 6-16
SERVICE RATING	INST.	A	INST.	A	A

7



ARRANGEMENT	22 - 33	24 - 2	24 - 10	24 - 27	28 - 10
NO. OF CONTACTS	7	7	7	7	7
CONTACT SIZE	16	12	8	16	2-4, 2-8, 3-12
SERVICE RATING	ABCD = D, EFG = A	D	A	E	G = D, BAL = A

8

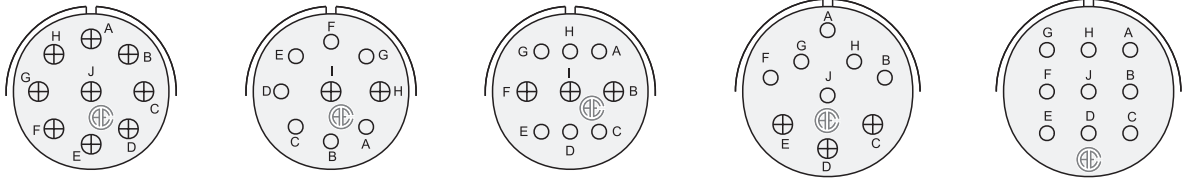


ARRANGEMENT	18 - 8	20 - 7	22 - 18	22 - 23	24 - 6
NO. OF CONTACTS	8	8	8	8	8
CONTACT SIZE	1-12, 7-16	16	16	12	12
SERVICE RATING	A	ABHG = D, CDEF = A	ABFGH = D, CDE = A	H = D, BAL = A	A, G, H = D, BAL = A

MIL-C-5015 Insert Configurations

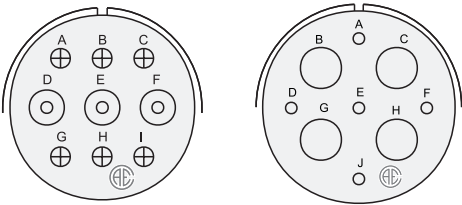


9

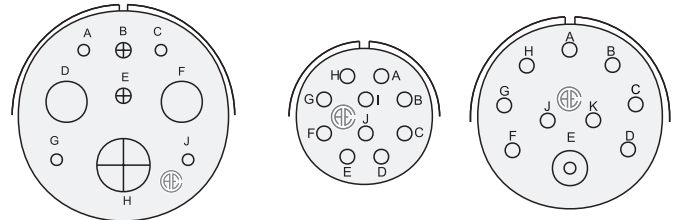


ARRANGEMENT	20L - 9	20 - 16	20 - 18	22 - 16	22 - 20
NO. OF CONTACTS	9	9	9	9	9
CONTACT SIZE	12	2-12, 7-16	3-12, 6-16	3-12, 6-16	16
SERVICE RATING	INST.	A	A	A	A

9

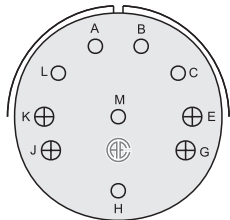


10

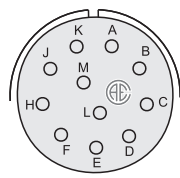


ARRANGEMENT	24 - 11	28L - 16	32 - 3	18 - 1	24 - 21
NO. OF CONTACTS	9	9	9	10	10
CONTACT SIZE	3-8, 6-12	5-16, 4-4	4-16, 2-12, 2-4, 1-0	16	1-8, 9-16
SERVICE RATING	A	A	D	BCFG=A, BAL.=INST.	D

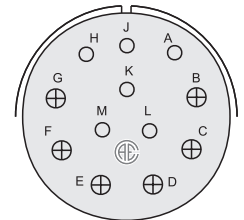
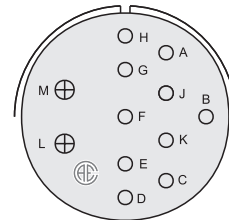
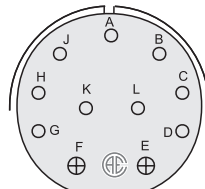
10



11

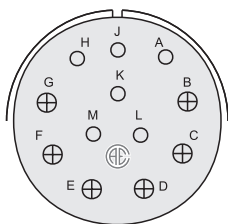


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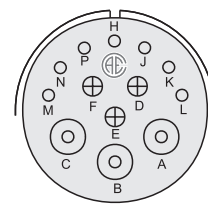


ARRANGEMENT	28 - 19	20 - 33	24 - 20	28 - 8	28 - 9
NO. OF CONTACTS	10	11	11	12	12
CONTACT SIZE	4-12, 6-16	16	9-16, 2-12	2-12, 10-16	6-12, 6-16
SERVICE RATING	HM=E, B=D, BAL.=A	A	D	LM=E, B=D, BAL.=A	D

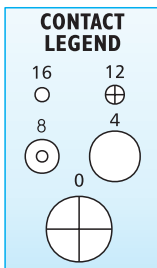
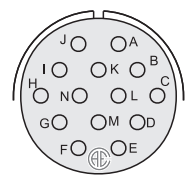
12



13



14

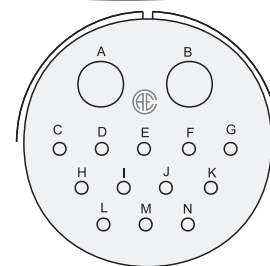
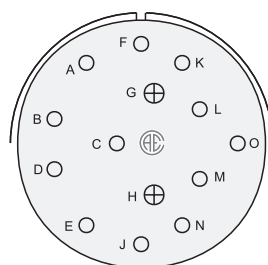
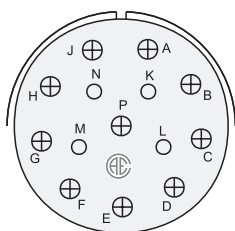
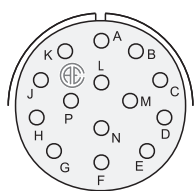


ARRANGEMENT	28 - 9	28 - 18	24L - 58	20 - 27
NO. OF CONTACTS	12	12	13	14
CONTACT SIZE	6-12, 6-16	16	3-8, 3-12, 7-16	16
SERVICE RATING	D	M=C, GHJKL=D, AB=A, BAL.=INST.	INST	A

MIL-C-5015 Insert Configurations

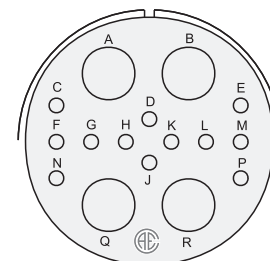
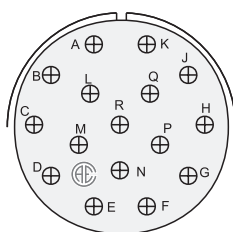
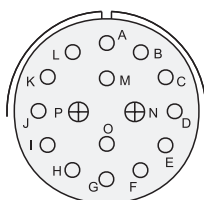
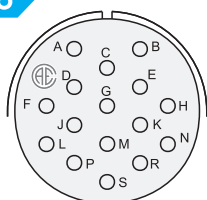


14



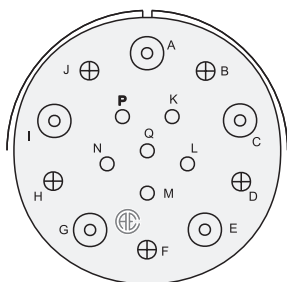
ARRANGEMENT	22 - 19	28 - 20	32 - 4	32 - 9
NO. OF CONTACTS	14	14	14	14
CONTACT SIZE	16	10-12, 4-16	2-12, 12-16	12-16, 2-4
SERVICE RATING	A	A	FJKN = A, BAL. = D	D

16

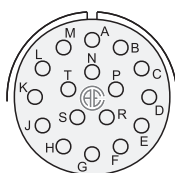


ARRANGEMENT	24 - 5	24 - 7	28L - 61	32L - 68
NO. OF CONTACTS	16	16	16	16
CONTACT SIZE	16	2-12, 14-16	12	4-4, 12-16
SERVICE RATING	A	A	A	A

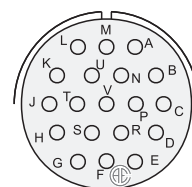
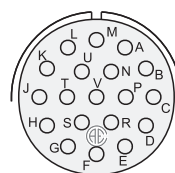
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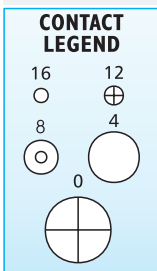
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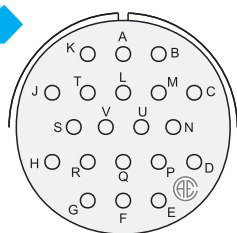
19



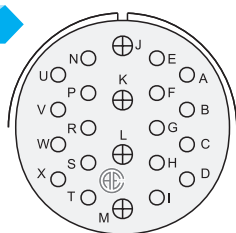
ARRANGEMENT	36 - 14	20 - 29	20L - 48	22 - 14
NO. OF CONTACTS	16	17	19	19
CONTACT SIZE	5-8, 5-12, 6-16	16	16	16
SERVICE RATING	D	A	INST.	A



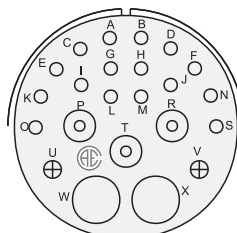
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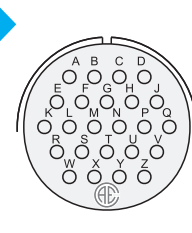
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23

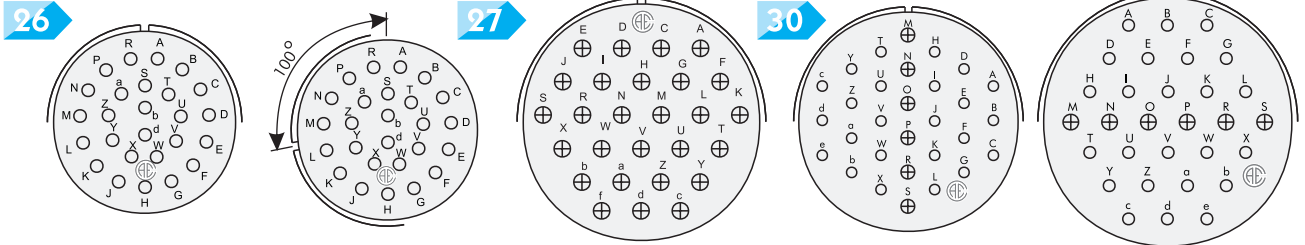


24

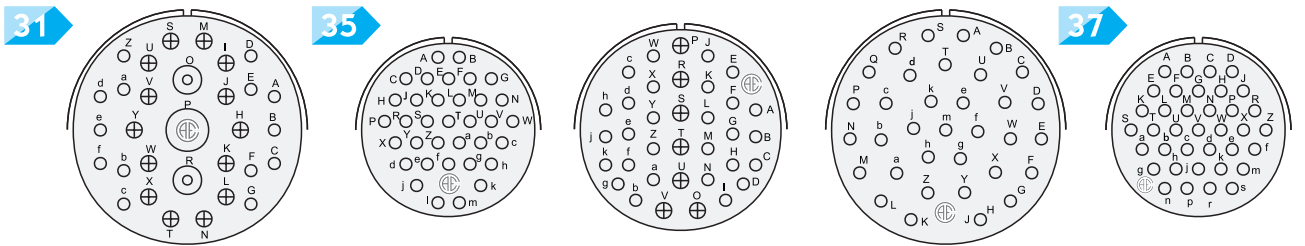


ARRANGEMENT	28 - 16	28 - 11	32 - 6	24 - 28
NO. OF CONTACTS	20	22	23	24
CONTACT SIZE	16	4-12, 18-16	2-4, 3-8, 2-12, 16-16	16
SERVICE RATING	A	A	A	INST.

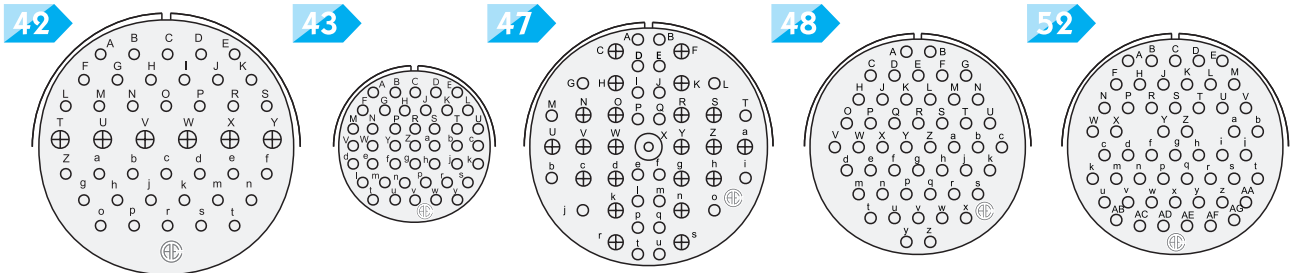
MIL-C-5015 Insert Configurations



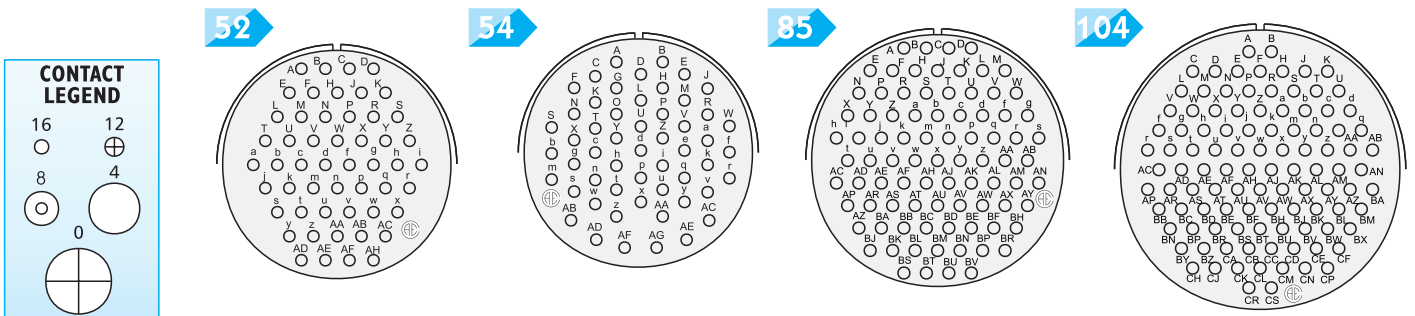
ARRANGEMENT	28 - 12	28 - 13	36L - 46	32 - 8	40 - 1
NO. OF CONTACTS	26	26	27	30	30
CONTACT SIZE	16	16	12	6-12, 24-16	6-12, 24-16
SERVICE RATING	A	A	A	A	D



ARRANGEMENT	36 - 9	28 - 15	32 - 7	36 - 15	28 - 21
NO. OF CONTACTS	31	35	35	35	37
CONTACT SIZE	1-4, 2-8, 14-12, 14-16	16	7-12, 28-16	16	16
SERVICE RATING	A	A	ABHi=INST., BAL-A	m=D, BAL=A	A



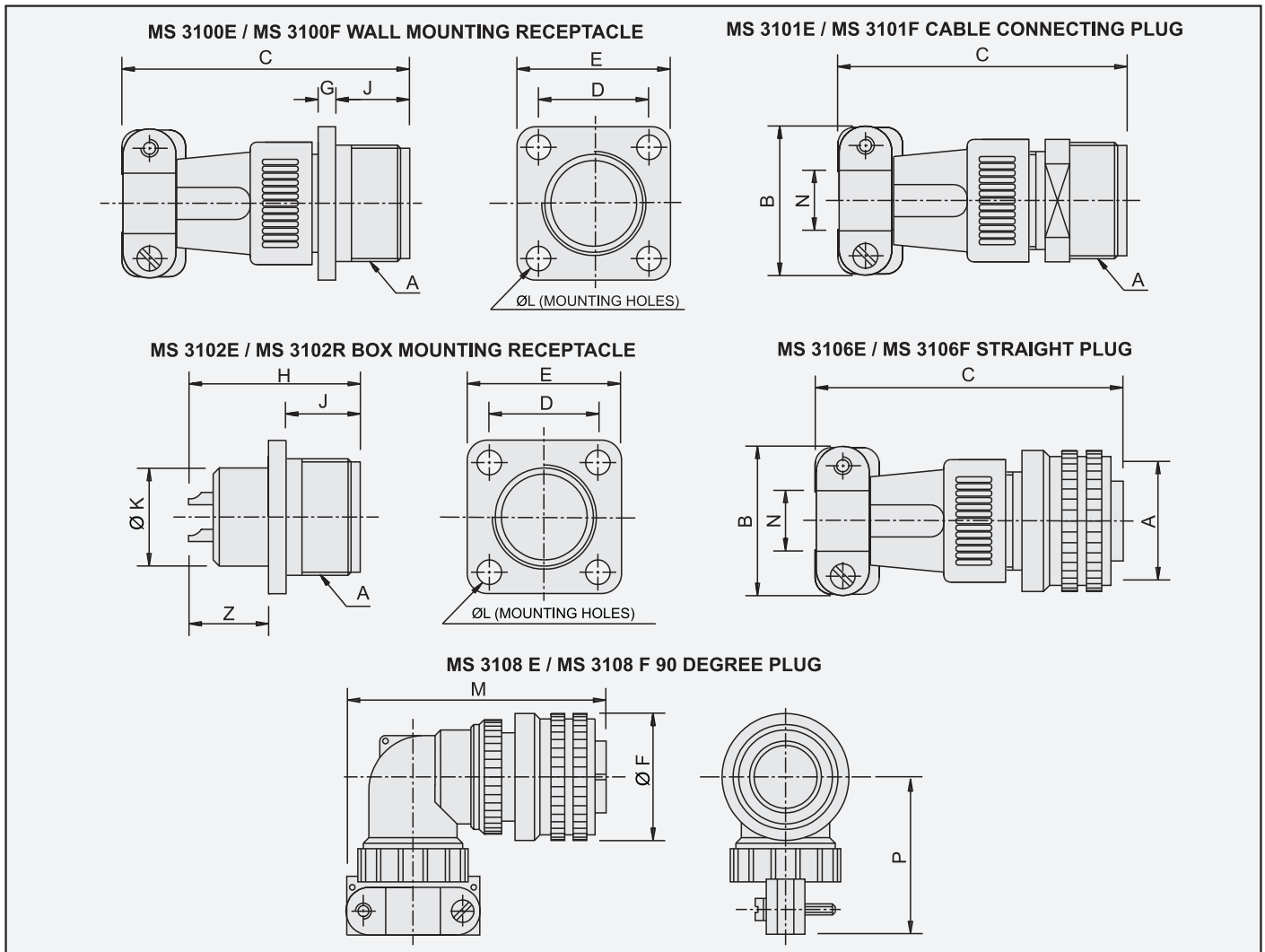
ARRANGEMENT	44 - 1	28A - 51	40 - 9	36 - 10	36L - 34
NO. OF CONTACTS	42	43	47	48	52
CONTACT SIZE	6-12, 36-16	16	1-8, 22-12, 24-16	16	16
SERVICE RATING	D	A	A	A	A



CONTACT LEGEND

ARRANGEMENT	36 - 52	32L - 10	40 - 56	44 - 52
NO. OF CONTACTS	52	54	85	104
CONTACT SIZE	16	16	16	16
SERVICE RATING	A	A	A	A

MIL-C-5015 Connector Dimensions



SHELL SIZE	A - THREADING	B MAX	C MAX	± 0.13 D	± 0.79 E - SQ	Φ F MAX	G MAX	H MAX	+0.79 -0.00 J	± 0.13 Φ K	+0.25 -0.13 Φ L	M MAX	N		P MAX	Z
													MIN	MAX		
44	2 3/4" - 16 UN	88.90	105.0	60.32	76.20	75.40	9.12	49.23	22.23	66.60	4.39	-	30.00	47.60	-	13.15 to 19.50 depending upon contact gauges and shell size.
40	2 1/2" - 16 UN	68.28	88.90	55.58	69.85	69.16	9.12	49.23	22.23	60.50	4.39	114.71	23.10	34.50	80.98	
36	2 1/4" - 16 UN	58.40	83.30	49.23	63.50	62.71	9.12	49.23	22.23	53.80	4.39	109.14	17.60	34.50	69.06	
32	2" - 18 UNS	52.70	77.00	44.45	57.15	56.36	9.12	49.23	22.23	47.80	4.39	106.38	15.90	31.30	65.89	
28	1 3/4" - 18 UNS	44.20	77.00	39.67	50.80	50.01	5.16	49.23	20.62	41.00	3.73	94.46	11.90	23.40	55.58	
24	1 1/2" - 18 UNEF	44.20	75.40	34.92	44.45	43.65	5.16	49.23	20.62	35.10	3.73	94.46	11.90	23.40	53.98	
22	1 3/8" - 18 UNEF	38.10	69.85	31.75	41.28	40.48	5.16	49.23	19.05	31.80	3.05	82.55	8.90	18.50	50.80	
20	1 1/4" - 18 UNEF	38.10	69.85	29.36	38.10	37.31	5.16	49.23	19.05	28.80	3.05	82.55	8.90	18.50	50.00	
18	1 1/8" - 18 UNEF	33.00	68.25	26.97	34.93	34.14	5.16	49.23	19.05	25.40	3.05	72.24	7.30	15.50	45.24	
16	1" - 20 UNEF	30.50	66.70	24.61	32.54	31.75	3.96	49.23	19.05	22.30	3.05	70.60	6.50	13.80	42.88	
16S	1" - 20 UNEF	30.50	57.15	24.61	32.54	31.75	3.96	30.18	14.27	22.30	3.05	61.11	6.50	13.80	42.88	
14S	7/8" - 20 UNEF	28.00	57.15	23.01	30.18	29.36	3.96	30.18	14.27	19.00	3.05	58.72	5.00	10.70	40.49	
12S	3/4" - 20 UNEF	23.00	57.15	20.62	27.79	26.97	3.96	30.18	14.27	15.90	3.05	55.58	3.60	7.50	38.10	
10SL	5/8" - 24 UNEF	23.00	57.15	18.26	25.40	24.59	3.96	30.18	14.27	15.40	3.05	55.58	3.60	7.50	38.10	

ALL DIMENSIONS ARE IN mm

MIL-C-5015 Accessories



CABLE CLAMP MS 3057 A



FITS SHELL SIZE	PART NUMBER	ACCOMODATES MS BUSHING
10SL	MS 3057 - 4A	MS 3420 - 4
12S	MS 3057 - 4A	MS 3420 - 4
14S	MS 3057 - 6A	MS 3420 - 6
16S	MS 3057 - 8A	MS 3420 - 8
16	MS 3057 - 8A	MS 3420 - 8
18	MS 3057 - 10A	MS 3420 - 10
20	MS 3057 - 12A	MS 3420 - 12
22	MS 3057 - 12A	MS 3420 - 12
24	MS 3057 - 16A	MS 3420 - 16,12
28	MS 3057 - 16A	MS 3420 - 16,12
32	MS 3057 - 20A	MS 3420 - 20,16
36	MS 3057 - 24A	MS 3420 - 24,20
40	MS 3057 - 28A	MS 3420 - 24,20

TELESCOPING BUSHING MS 3420



FITS SHELL SIZE	PART NUMBER
10SL	MS 3420 - 4
12S	MS 3420 - 4
14S	MS 3420 - 6
16S	MS 3420 - 8
16	MS 3420 - 8
18	MS 3420 - 10
20	MS 3420 - 12
22	MS 3420 - 12
24	MS 3420 - 16
28	MS 3420 - 16
32	MS 3420 - 20
36	MS 3420 - 24
40	MS 3420 - 28

PROTECTIVE METAL CAPS MS 25042



FITS SHELL SIZE	PART NUMBER WITH SASH CHAIN
10SL	MS 25042 - 10D
12S	MS 25042 - 12D
14S	MS 25042 - 14D
16S, 16	MS 25042 - 16D
18	MS 25042 - 18D
20	MS 25042 - 20D
22	MS 25042 - 22D
24	MS 25042 - 24D
28	MS 25042 - 28D
32	MS 25042 - 32D
36	MS 25042 - 36D
40	MS 25042 - 40D
44	MS 25042 - 44D

PROTECTIVE METAL CAPS MS 25043



FITS SHELL SIZE	PART NUMBER WITH SASH CHAIN
10SL	MS 25043 - 10D
12S	MS 25043 - 12D
14S	MS 25043 - 14D
16S, 16	MS 25043 - 16D
18	MS 25043 - 18D
20	MS 25043 - 20D
22	MS 25043 - 22D
24	MS 25043 - 24D
28	MS 25043 - 28D
32	MS 25043 - 32D
36	MS 25043 - 36D
40	MS 25043 - 40D
44	MS 25043 - 44D

LEMO Multipole Connectors

The Original Push-Pull Connector

LEMO is the acknowledged leader in the design and manufacture of precision custom connection solutions. LEMO's high quality push-pull connectors are found in a variety of challenging application environments including medical, industrial control, test and measurement, audio-video, telecommunications, Defence and Aviation.

LEMO has been designing precision connectors for six decades. Offering more than 50,000 combinations of product that continues to grow through custom specific designs. LEMO, and it's affiliated sister companies REDEL and COELVER, currently serve more than 100,000 customers in over 80 countries around the world.



Part Number Example:

Cable Mount Plug:

FGG.1B.306.CLAD62Z - straight plug with key (G) and cable collet, 1B series, multipole type with 6 contacts, outer shell in chrome-plated brass, PEEK insulator, male solder contacts, D type collet for 6.0 mm diameter cable.

Cable Mount Socket:

PHG.1B.306.CLLD62Z - free socket with key (G) and cable collet, 1B series, multipole type with 6 contacts, outer shell in chrome-plated brass, PEEK insulator, female solder contacts, D type collet for 6.0 mm diameter cable and nut for fitting a strain relief boot.

Panel Mount:

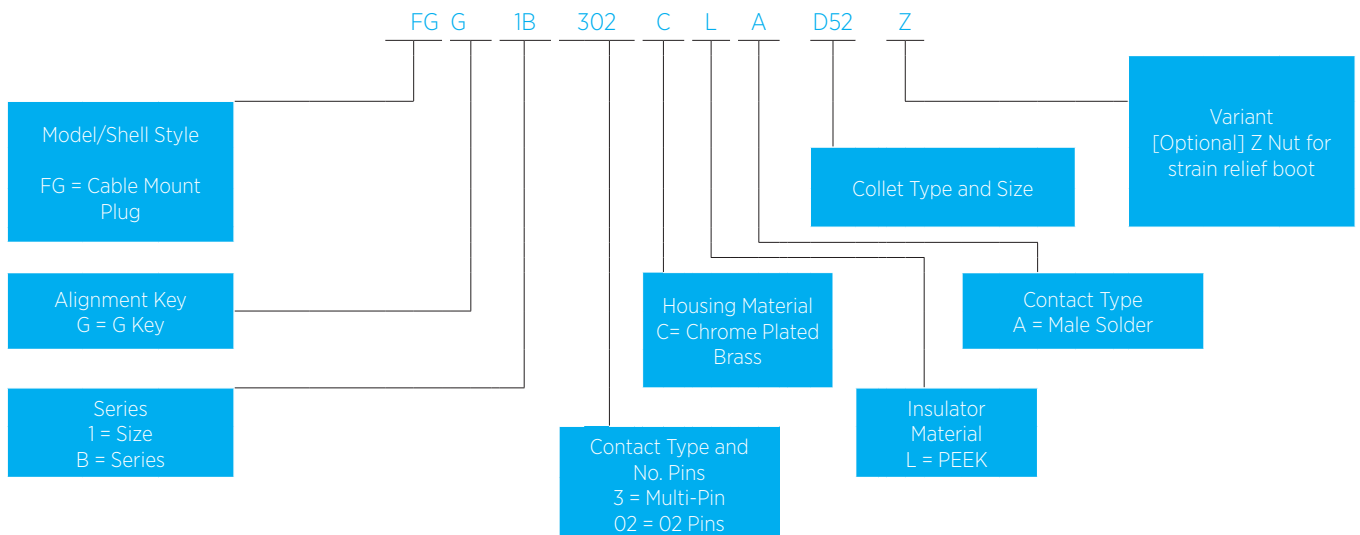
EGG.1B.306.CYM - fixed socket, nut fixing, with key (G), 1B series, multipole type with 6 contacts, outer shell in chromeplated brass, PEEK extended insulator, female crimp contacts.

To view LEMO's complete multipole connector range, refer to the LEMO Unipole & Multipole Connector catalogue.

LEMO's full range of products are available for download online www.jaycor.co.za.

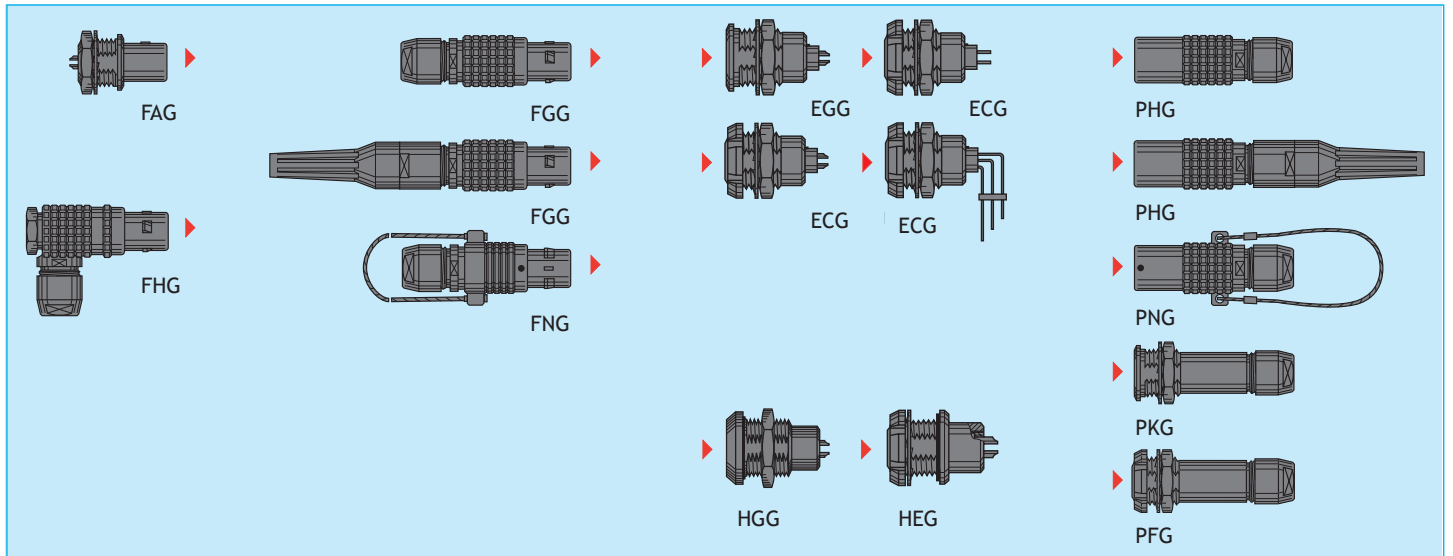


LEMO Connector Part Number System



B Series Connectors IP50

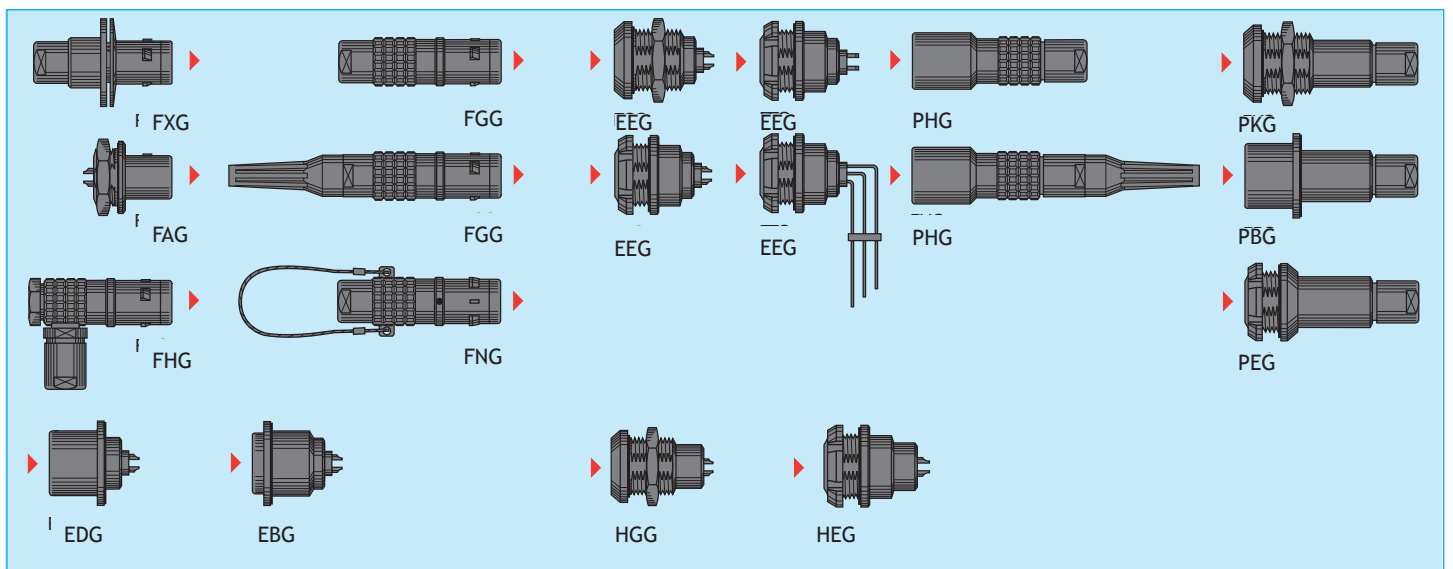
- security of the Push-Pull self-latching system
- solder, crimp or print contacts (straight or elbow)
- multiple key options to avoid cross mating of connectors
- 360° screening for full EMC shielding.
- multipole types 2 to 64 contacts
- high packing density for space savings
- keying system («G» key standard) for connector alignment



K Series Connector Models IP68

Specifically designed for outdoor applications. They include an inner sleeve and two seals to prevent penetration of solids or liquids into the housing formed by the plug, free socket, fixed socket or coupler. All models of this series are watertight when mated to give a protection index of IP68 as per IEC 60529 standard (in mated condition) when correctly assembled to an appropriate cable, (IP66 otherwise).

- security of the Push-Pull latching system
- watertight connection (IP 68/IP 66)
- multipole types 2 to 64 contacts
- solder, crimp or print (straight or elbow) contacts
- keying system («G» key standard)
- multiple key options to avoid cross mating of connectors
- 360° screening for full EMC shielding
- high packing density for space savings
- rugged housing for extreme working conditions.



Full Connector model drawings, dimensions and technical specifications can be viewed in detail in the LEMO® Unipole and Multipole connector catalogue. Contact your local Jaycor sales office for more details, or download the catalogue online at www.jaycor.co.za

LEMO B & K Series Multipole Inserts

Size/Series	No. of Contacts (Solder)	Conductor Size Max. (mm ²)	Current Rating (Amp)	Size/Series	No. of Contacts (Solder)	Conductor Size Max. (mm ²)	Current Rating (Amp)
00	02	0,09	5	3B/3K	06	1,0	17
	03	0,09	5		07	1,0	15
	04	0,09	5		08	0,5	13
0B/OK	02	0,34	10		09	8 x 0,5 + 1 x 1,5	6 (0,5) 15 (1,5)
	03	0,34	8		10	0,5	12
	04	0,34	7		12	0,34	9
	05	0,34	6,5		14	0,34	9
	06	0,09	2,5		16	0,34	8
	07	0,09	2,5		18	0,34	7
	09	0,09	2		20	0,34	6
1B/1K	02	0,5	15		22	0,34	5,5
	03	0,5	12		24	0,34	4
	04	0,34	10		26	0,34	4
	05	0,34	9		30	0,34	3,5
	06	0,34	7	4B/4K	04	4,0	30
	07	0,34	7		06	1,5	24
	08	0,34	5		07	1,5	20
	10	0,09	2,5		10	1,0	17
	14	0,09	2		12	0,5	12
	16	0,09	1,5		16	0,34	10
2B/2K	02	1,5	30		20	0,34	8
	03	1,0	17		24	0,34	7
	04	0,5	15		30	0,34	5
	05	0,5	14		40	0,34	2
	06	0,5	12		48	0,34	1,5
	7	0,5	11	5B/5K	02	10,0	50
	8	0,34	10		4	6,0	35
	10	0,34	8		10	4,0	20
	12	0,34	7		14	1,5	18
	14	0,34	6,5		16	1,5	12
	16	0,34	6		20	1,0	10
	18	0,34	5,5		30	0,5	8
	19	0,34	5		40	0,5	7
	26	0,09	2		48	0,5	6
	32	0,09	1,5		50	0,34	6
3B/3K	02	4,0	35		54	0,34	5
	03	1,5	25		64	0,34	3
	04	1,5	19				
	05	1,0	19				

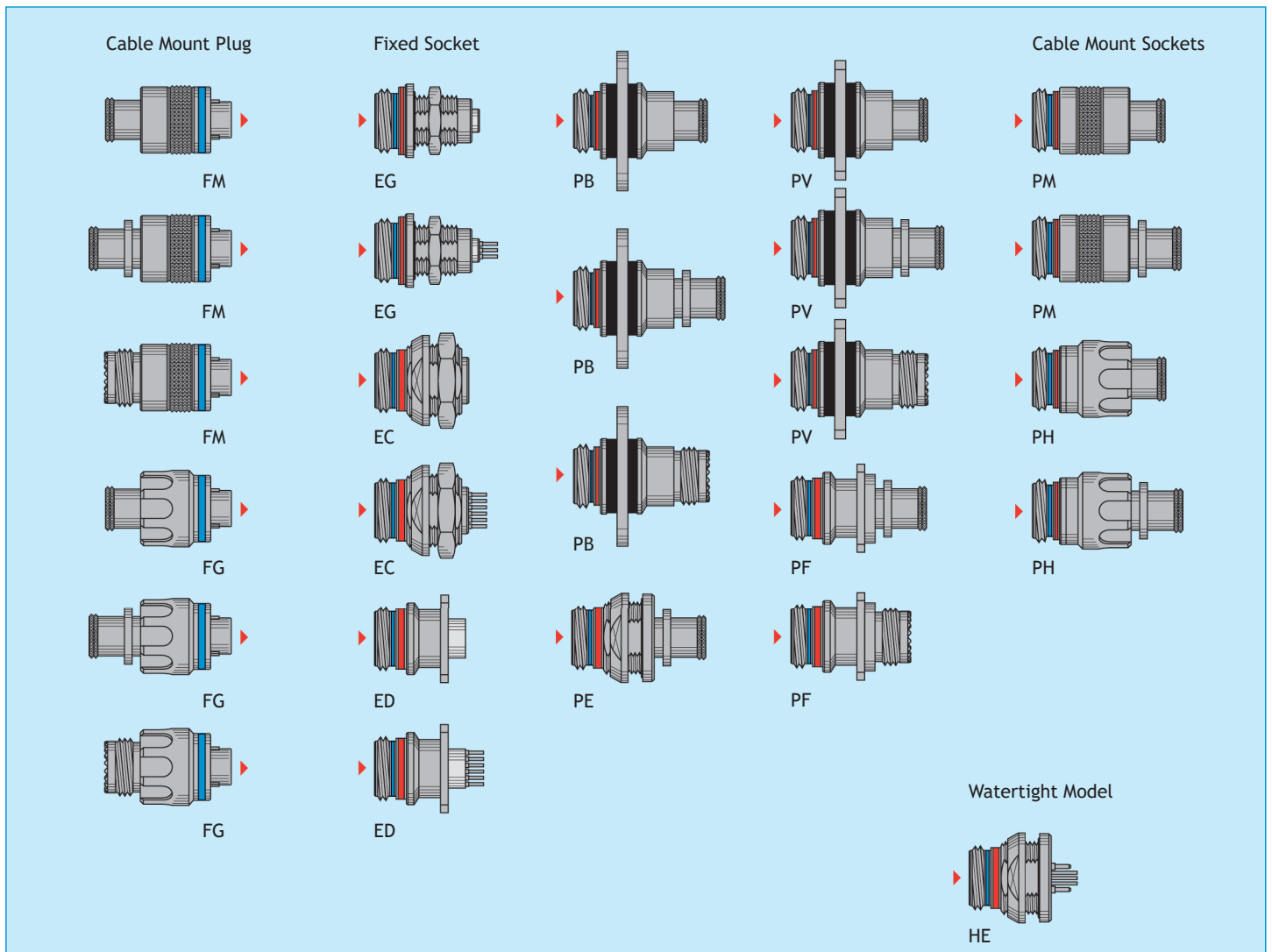
M Series - Ratchet Coupling Triple-Start Micro Connectors

For designers of man-portable, vehicle-mounted and aerospace electronics, the M-SERIES is the smallest multi-pin, fully shielded, vibration-secure and sealed connector available, offering a lightweight, 'one-grip' screw-lock connection with high pin-count density, 360° EMI protection, and LEMO rugged quality.

For many of these military and aerospace applications, designers first seek MIL 38999 series connectors but when space is at a premium they need a smaller, higher contact density solution and the connector size becomes critical.


LEMO M-Series is made of high-strength aluminium and incorporates a triple start fast-locking ratchet mechanism, which enables quick and secure coupling of the connector for use in high vibration and harsh environments.

The M Series connector is one of the lightest and most compact connectors of the LEMO product range providing a significant size and weight advantage over MIL-38999 connectors as well as over other micro circular connectors.




Full M Series Connector model drawings, dimensions, contact arrangements and technical specifications can be viewed in detail in the LEMO M Series connector catalogue. Contact your local Jaycor sales office for more details. or download the catalogue online at www.jaycor.co.za

J87 Series Expandable Braided Sleeving

	Jaycor Part Number	Nominal Inside Dia. mm	Min. Inside Dia. mm	Max Inside Dia. mm	Range of Use mm
 <ul style="list-style-type: none"> •Made of high temperature Polyamide fibres •Temperature -35°C to +175°C (+230°C Intermittently) •Excellent abrasive and chemical resistant properties •Standard stock colour BLACK - Other colours available on special order. 	J87PEBS3	3	2	6	1 to 5
	J87PEBS4	4	3	8	2 to 7
	J87PEBS5	5	4	10	3 to 9
	J87PEBS6	6	5	12	4 to 11
	J87PEBS8	8	6	14	5 to 12
	J87PEBS10	10	8	18	7 to 15
	J87PEBS12	12	10	21	8 to 17
	J87PEBS14	14	12	23	9 to 19
	J87PEBS16	16	14	25	10 to 21
	J87PEBS18	18	16	27	12 to 23
	J87PEBS20	20	18	29	14 to 25
	J87PEBS22	22	20	32	16 to 28
	J87PEBS25	25	22	36	18 to 32
	J87PEBS30	30	27	45	20 to 40
	J87PEBS35	35	32	55	25 to 48
	J87PEBS40	40	35	64	30 to 55
J87PEBS50	50	45	75	40 to 65	
J87PEBS60	60	55	85	50 to 75	

J86 Series Tinned Copper Tubular Braid

	Jaycor Part Number	Nominal I.D. when rounded (mm)	Braid Construction			Approximate Equivalent (mm ²)	Current carrying capacity (Amps*)
			Wire Size (mm)	No. of ends	Carriers		
	J86S1152OT	2	0,16	5	16	1,6	20
	J86S1153OT	4	0,16	8	16	2,57	30
	J86S1155OT	6	0,2	6	24	4,5	50
	J86S1154OT	8	0,2	7	24	5,45	56
	J86S1156OT	10	0,2	10	24	7,5	66
	J86S1157OT	14	0,2	12	24	9	66
	J86S1158OT	19	0,2	12	32	12,5	85
	J86S1159OT	25	0,2	10	48	15	100

•Each strand of the braid is of soft drawn tinned copper wire - shield Coverage: Approximately 95%

* Values shown are for bare braids laid in air at 30°C. – (Actual values depend on permissible temp. rise, voltage drop, and other conditions of service).

Heatshrink Tubing

Jaycor Part Number	Minimum expanded I.D. (mm)	Maximum recovered I.D. (mm)	Wall thickness after unrestricted shrinkage (approx. mm)
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J831212 flexible Polyolefin thin wall heat shrink tubing

J831212SZ1	1,2	0,6	0,41
J831212SZ2	1,6	0,8	0,43
J831212SZ3	2,4	1,2	0,51
J831212SZ4	3,2	1,6	0,51
J831212SZ5	4,8	2,4	0,51
J831212SZ6	6,4	3,2	0,64
J831212SZ7	9,6	4,8	0,64
J831212SZ8	12,7	6,4	0,64
J831212SZ9	19,1	9,6	0,76
J831212SZ10	25,4	12,7	0,89
J831212SZ11	38,1	19,1	1,02
J831212SZ12	50,8	25,4	1,14

Flame Retardant, 2:1 Shrink Ratio, -55°C to +155°C.

Various Colours Available

J83MPV Polyolefin medium wall heat shrink tubing with adhesive inner layer, colour - Black

J83MPV12/3	12	3	2,5
J83MPV19/6	19	6	2,5
J83MPV25/8	25	8	2,5
J83MPV37/13	37	13	2,5
J83MPV50/18	50	18	2,5
J83MPV70/26	70	26	2,5
J83MPV90/36	90	36	2,5
J83MPV115/42	115	42	2,5
J83MPV140/50	140	50	2,5
J83MPV170/60	170	60	2,5
J83MPV190/70	190	70	2,5

Flame Retardant, 3:1 Shrink Ratio.

Heat guns and accessories, heat shrink end caps, and other specialised types of heat shrink tubing (eg. Teflon heat shrink tubing) are available on request.

Jaycor Part Number	Minimum expanded I.D. (mm)	Maximum recovered I.D. (mm)	Wall thickness after unrestricted shrinkage (approx. mm)
--------------------	----------------------------	-----------------------------	--

J83151 flexible Polyolefin heat shrink tubing with adhesive inner layer

J83151SZ4	3,2	1	1
J83151SZ5	4,8	1,5	1,1
J83151SZ6	6,4	2	1,2
J83151SZ7	9,4	3	1,4
J83151SZ8	12,7	4,1	1,4
J83151SZ9	19,1	7,9	1,7
J83151SZ10	25,4	10	1,9

Self Extinguishing, 3:1 Shrink Ratio, -55°C to +110°C.

Colour - Black

J83TRX Anti-Tracking Polyolefin high voltage heat shrink tubing

J83TRX25X1	25	11	2
J83TRX35X1	35	14	2
J83TRX40X1	40	16	2,5
J83TRX50X1	50	20	3

High Voltage, 2:1 Shrink Ratio, Non-Adhesive.

J83610 flexible high voltage EPDM rubber medium wall heat shrink tubing

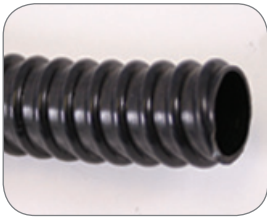
J8361010X2	10	5,5	2
J8361015X2	15	8	2
J8361020X2	20	11	2
J8361025X2	25	13	2
J8361030X2	30	16	2
J8361035X2	35	18	2
J8361040X2	40	21	2
J8361050X2	50	26	2
J8361060X2	60	31	2

High Voltage, 2:1 Shrink Ratio, Non-Adhesive, colour - Black.



Flexible Tubing & Accessories

Caprisouple LIGHT DUTY, BLACK, PVC FLEXIBLE TUBING, SELF EXTINGUISHING



No.	9	11	13	16	21	29	36	48
Article Code	320905	321105	321305	321605	322105	322905	323605	324805
Quantity	50	50	50	50	50	30	30	30
Inner ø	10	14	16	18	22	30	40	50
External ø	14,7	18,9	20,4	22,5	27,7	36	46,4	57,2
Bending Radius	15	20	25	30	35	45	55	70

Caprisouple Connector POLYAMIDE 6/6 (FITS CAPRISOUPLE TUBING)



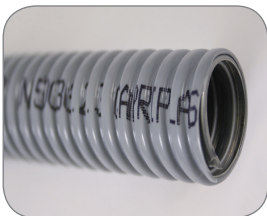
No.	9	11	13	16	21	29	36	48
Article Code	340900	341100	341300	341600	342100	342900	343600	344800
Quantity	100	100	100	100	100	50	20	1
øT	15,2	18,6	20,4	22,5	28,3	37	47	60
B*	1,41	1,41	1,41	1,41	1,58	1,58	1,58	2,3
	19	22	24	27	32	41	55	65
øb1	8	11	13,5	15,5	19,5	27	37	47
E	7	8	9	9	10	12	14	16

Capriflex GALVANIZED STEEL METALLIC FLEXIBLE TUBING



PG No.	7	9	11	13	16	21	29	36	48	3"	4"
Article Code	300700	300900	301100	301300	301600	302100	302900	303600	304800	305300	305400
Quantity	50	50	50	50	50	25	25	15	15	1	1
extern. ø	12,6	15,2	18,6	20,4	22,5	28,3	37	47	60	80	105
mini. inner ø	9,2	11	14	15	17	22	30	39	50	75	100

Capriflex STAINLESS STEEL METALLIC FLEXIBLE TUBING



PG No.	7	9	11	13	16	21	29	36	48
Article Code	300709	300909	301109	301309	301609	302109	302909	303609	304809
Quantity	50	25	25	25	25	25	25	15	15
extern. ø	12,6	15,2	18,6	20,4	22,5	28,3	37	47	60
mini. inner ø	9,2	12,5	15,6	17,4	19	24,8	33	43	55

Capriplast GALVANIZED STEEL PVC SHEATHED FLEXIBLE TUBING - Colour Grey



PG No.	7	9	11	13	16	21	29	36	48	3"	4"
Article Code	320700	320900	321100	321300	321600	322100	322900	323600	324800	325300	325400
Quantity	50	50	50	50	50	25	25	15	15	1	1
extern. ø	12,5	15,2	18,6	20,4	22,5	28,3	37	47	60	88	112
mini. inner ø	9,4	11	14	15	17	22	30	39	50	75	100

Judodix Male Adaptor (FITS CAPRIFLEX AND CAPRIPLAST TUBING)



PG No.	7	9	11	13	16	21	29	36	48	3"	4"
Article Code	330700	330900	331100	331300	331600	332100	332900	333600	334800	335300	335400
Quantity	50	50	50	50	50	50	20	1	1	1	1
B*	17	20	24	26	28	34	45	56	70	120	150
E	6	6	7	7	8	8	10	11	15	25	25
G*	20	22	26	28	30	36	47	60	74	120	150
øT	12,5	15,2	18,6	20,4	22,5	28,3	37	47	60	87,9	113
PAS	1,27	1,41	1,41	1,41	1,41	1,58	1,58	1,58	2,3	2,3	2,3
øb1	7,5	9,2	11,9	13,6	15,3	20,2	26,7	34,6	45,3		

Judodix Female Adaptor (FITS CAPRIFLEX AND CAPRIPLAST TUBING)

PG No.	7	9	11	13	16	21	29	36	48
Article Code	620700	620900	621100	621300	621600	622100	622900	623600	624800
Quantity	50	50	50	50	50	50	20	1	1
B*	17	20	24	26	28	34	45	56	70
G*	20	22	26	28	30	36	47	60	74
øT	12,5	15,2	18,6	20,4	22,5	28,3	37	47	60
Thread Pitch	1,27	1,41	1,41	1,41	1,41	1,58	1,58	1,58	2,3
øb1	7,5	9,2	11,9	13,6	15,3	20,2	26,7	34,6	45,3

Comparison Table for American Wire Gauge (AWG) and Cross Sectional Area (in mm²) for Copper Conductors

AWG No.	Dia. mm	Cross Section mm ²	Dia. Inch	Cross Section Circ.Mils
5/0	13,12	135,1	.5165	266.8M
4/0	11,68	107,2	.4600	211.6M
3/0	10,40	85,0	.4096	167.8M
2/0	9,27	67,5	.3648	133.1M
0	8,25	53,4	.3249	105.5M
1	7,35	42,4	.2893	83.69M
2	6,54	33,6	.2576	66.37M
3	5,83	26,7	.2294	52.63M
4	5,19	21,2	.2043	41.74M
5	4,62	16,8	.1819	33.10M
6	4,11	13,3	.1620	26.25M
7	3,67	10,6	.1443	20.82M
8	3,26	8,35	.1285	16.51M
9	2,91	6,62	.1144	13.09M
10	2,59	5,27	.1019	10.38M
11	2,30	4,15	.0907	8.234M
12	2,05	3,31	.0808	6.530M
13	1,83	2,63	.0720	5.178M
14	1,63	2,08	.0641	4.107M
15	1,45	1,65	.0571	3.257M
16	1,29	1,31	.0508	2.583M
17	1,15	1,04	.04526	2.048M
18	1,024	0,823	.04030	1.624M
19	0,912	0,653	.03589	1.288M
20	0,812	0,519	.03196	1.022M
21	0,723	0,412	.02846	810.1
22	0,644	0,325	.02535	642.4
23	0,573	0,259	.02257	509.5
24	0,511	0,205	.02010	404.0
25	0,455	0,163	.01790	320.4
26	0,405	0,128	.01594	254.1
27	0,361	0,102	.01420	201.5
28	0,321	0,0804	.01264	159.8
29	0,286	0,0646	.01126	126.7
30	0,255	0,0503	.01003	100.5
31	0,227	0,0400	.00893	79.70
32	0,202	0,0320	.00795	63.21
33	0,180	0,0252	.00708	50.13
34	0,160	0,0200	.00630	39.75
35	0,143	0,0161	.00561	31.52
36	0,127	0,0123	.00500	25.00
37	0,113	0,0100	.00445	19.83
38	0,101	0,00795	.00398	-

Flexible Cord Conductors

Annealed High-Conductivity Copper - Maximum Diameter of Wires and Maximum Resistance

Nominal Cross Sectional Area	Nominal Number and Diameter of Wires in Conductor	Maximum Diameter of Wires in Conductor	Approximate Diameter of Conductor	Maximum Resistance per Km of Cord at 20°C			
				Plain		Tinned	
				Single Core	Multi-Core	Single Core	Multi-Core
mm ²	no./strands (mm)	mm	mm	ohm	ohm	ohm	ohm
0,22	7/0,20	0,21	0,60	88,0	92,4	88,0	92,4
0,4	13/0,20	0,21	0,84	45,7	48,0	47,0	49,4
0,5	16/0,20	0,21	0,93	37,1	39,0	38,2	40,1
0,5	28/0,15	0,16	0,93	37,7	39,6	38,8	40,7
0,5	151/0,065	0,07	0,93	39,1	41,0	40,9	42,9
0,75	24/0,20	0,21	1,14	24,7	26,0	25,4	26,7
0,75	42/0,15	0,16	1,14	25,1	25,8	25,8	27,1
1,0	32/0,20	0,21	1,32	18,5	19,5	19,1	20,0
1,25	40/0,20	0,21	1,48	14,9	15,6	15,3	16,1
1,35	19/0,30	0,31	1,50	13,88	14,58	14,28	15,0
1,5	30/0,25	0,26	1,60	12,7	13,3	13,0	13,7
2,5	50/0,25	0,26	2,00	7,60	7,98	7,82	8,21
4,0	56/0,30	0,31	2,60	4,71	4,95	4,85	5,09

Flexible Cable Conductors

Annealed High-Conductivity Copper - Maximum Diameter of Wires and Maximum Resistance

Nominal Cross Sectional Area	Nominal Number and Diameter of Wires in Conductor	Maximum Diameter of Wires in Conductor	Approximate Diameter of Conductor		Maximum Resistance per Km of Cable at 20°C				
			Bunched	Multiple Stranded	Plain		Tinned		
					Single Core	Multi-Core	Single Core	Multi-Core	
mm ²	no./strands (mm)	mm	mm	mm	mm	ohm	ohm	ohm	ohm
6	84/0,3	0,31	3,3	3,6	3,14	3,30	3,23	3,39	
10	80/0,4	0,41	4,2	4,6	1,82	1,91	1,85	1,95	
16	126/0,4	0,41	5,3	5,7	1,16	1,21	1,18	1,24	
16	513/0,2	0,21	-	5,7	1,16	1,21	1,19	1,25	
25	196/0,4	0,41	6,6	7,1	0,780	0,757	0,757	0,795	
25	783/0,2	0,21	-	7,1	0,758	0,796	0,780	0,819	
35	276/0,4	0,41	7,8	8,5	0,527	0,554	0,538	0,565	
35	1107/0,2	0,21	-	8,5	0,536	0,563	0,552	0,579	
50	396/0,4	0,41	9,4	10,3	0,368	0,368	0,375	0,393	
50	1566/0,2	0,21	-	10,3	-	-	0,390	-	
70	360/0,5	0,51	11,2	12,4	0,259	0,272	0,264	0,277	
70	2214/0,2	0,21	-	12,4	-	-	0,276	-	
95	475/0,5	0,51	13,0	14,5	0,196	0,206	0,200	0,210	
95	2997/0,20	0,21	-	14,5	-	-	0,204	-	
120	608/0,5	0,51	14,5	16,0	0,153	0,161	0,156	0,164	
150	756/0,5	0,51	-	18,0	0,123	0,129	0,126	0,132	
185	925/0,5	0,51	-	20,0	0,101	0,106	0,103	0,108	
240	1221/0,5	0,51	-	23,0	0,0763	0,0801	0,0778	0,0817	
300	1525/0,5	0,51	-	26,0	0,0611	0,0641	0,0623	0,0654	
400	2013/0,5	0,51	-	30,0	0,0463	0,0486	0,0472	0,0495	
500	1769/0,6	0,61	-	33,5	0,0366	-	0,0373	-	
630	2257/0,6	0,61	-	37,0	0,0287	-	0,0292	-	

*The above formations are not mandatory but are the recommended construction and have been used for the purpose of calculating maximum resistance values.

B2B Ecommerce Platform

JAYCOR supports Industry 4.0 and the Industrial Internet of Things (IIoT) by supplying automation connectivity products, services and solutions to businesses across Sub-Saharan Africa.

Mission critical components are required for automated factories, transport hubs, smart grids and industrial network infrastructure of all kinds. Physical access to and procurement of these products is essential to minimizing downtime and maximizing profitability.

For end-users, finding the right product for their application can often be challenging. To overcome these challenges, JAYCOR developed a smart B2B ecommerce platform to assist our customers, their engineers, technicians and buying departments in finding the right products quickly and easily. The ecommerce platform is incredibly dynamic and functional; searching through thousands of products is quick and easy. Check real-time stock availability, pricing, production due dates, and place orders and even generate quotes online. The platform supports desktops, tablets and mobile devices for quick-access, on-the-go ordering, anywhere, day or night.

1. Dynamic search filters – Find what you need, fast

Search by main or sub-categories and in granular detail

Filter (Main Categories)	
Industry	Industrial
Application	Industrial Ethernet
Brand	Belden
Product Rating	Platinum
Specification	Profinet
Product Group	Cables
Sub-categories depend on the selected 'Product Group'	
Cable Type	Quad
Conductor Size	22AWG
Voltage	300
Screen	OAM Foil + TC Braid
Sheath	PVC



🔍
SHOP ONLINE

"Search over 2500 products using our dynamic filter system in our e-catalogue and online store.

Favourite items can be added to your personal wishlist on your account"

jaycor.co.za



2. Access Real-time product info:

- Pricing
- Availability
- Stock due dates

Add to cart

- 1000 +

Add to Wishlist

3. Wish list – your own personal catalogue:

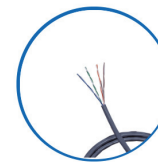
- Save products to your personal wishlist

CHECK QTY
573 available for dispatch, balance will be approximately 8-10 weeks delivery

4. Payment methods for B2B and B2C customers:

- On account
- EFT or Credit Card

J38050DC5E04PGY



R3.52 / MTR

Cat5e UTP Solid conductor, Grey PVC Sheath (Price For QTY On Hand Only T&C's Apply)

AVAILABLE IN STOCK

5. Quote generator:

- Add your required items and quantities to the cart and generate PDF quote.

Generate Quote

6. Online Agents:

- Chat with sales agents online by Instant Message

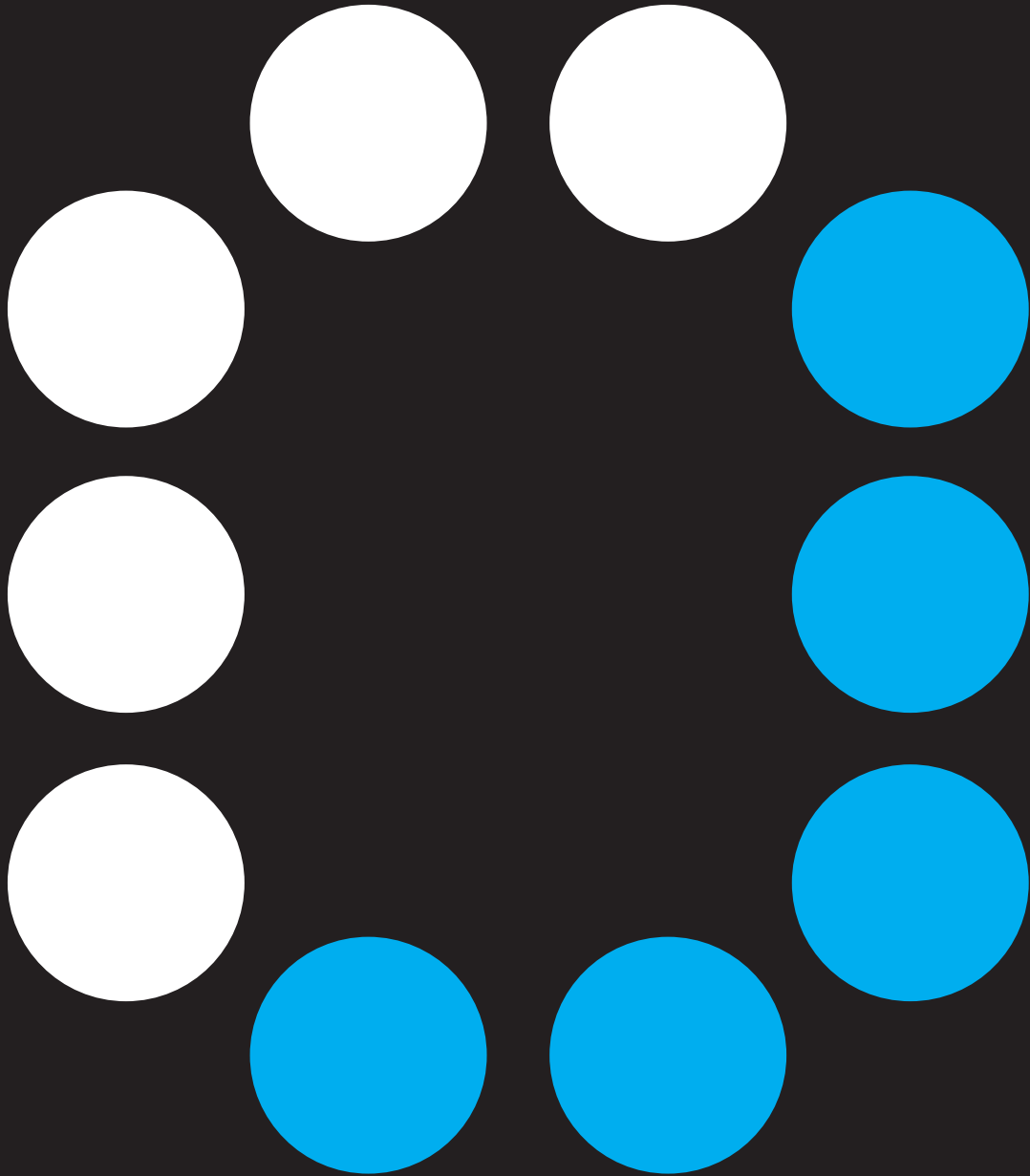
Chat with us, we are online!

Innovation

Supporting Industry 4.0 and the IIoT is pivotal to the development and maintenance of new industrial network infrastructure. The smart ecommerce platform provides end-users with clarity and control - 24hour access to products, real-time stock and price info, and the ability to self-procure.



JAYCOR has a vast network of products and brands with tens of thousands of products in our portfolio. The smart ecommerce platform currently has over 2,500 products with many more added regularly.



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