



**Standards-based
flexible Ethernet
connections**

OVERVIEW

3Com® transceivers are industry-standard, hot-swappable devices that plug into a Fast, Gigabit, or 10-Gigabit Ethernet transceiver slot, linking it with fiber- and copper-based networks.

KEY BENEFITS

ADD CONNECTIONS AS NEEDED

Mix different media types of transceivers on a single switch; add connections, in the number and type, as needed (within limits of the applicable switch).

LEVERAGE INTEROPERABLE ARCHITECTURE

Compliant with IEEE standards, 3Com transceivers provide full interoperability when connected to other standards-based products.

ADAPT WITH VARIETY OF FORM FACTORS

3Com transceivers are available in different form factors: XENPAK, XPF and SFP.

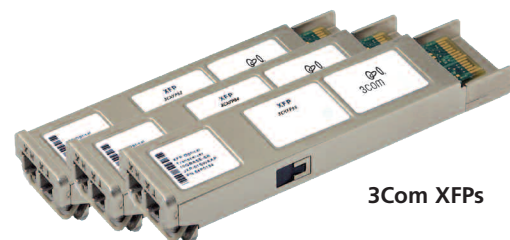
EASILY SERVICE AND SWAP HARDWARE

Transceivers can be hot-swapped, reducing maintenance and upgrading costs and network downtime. No need to replace entire circuit boards containing several soldered-in modules.

SUPPORTED 3COM SWITCHES AND MODULES



3Com XENPAKs



3Com XFPs

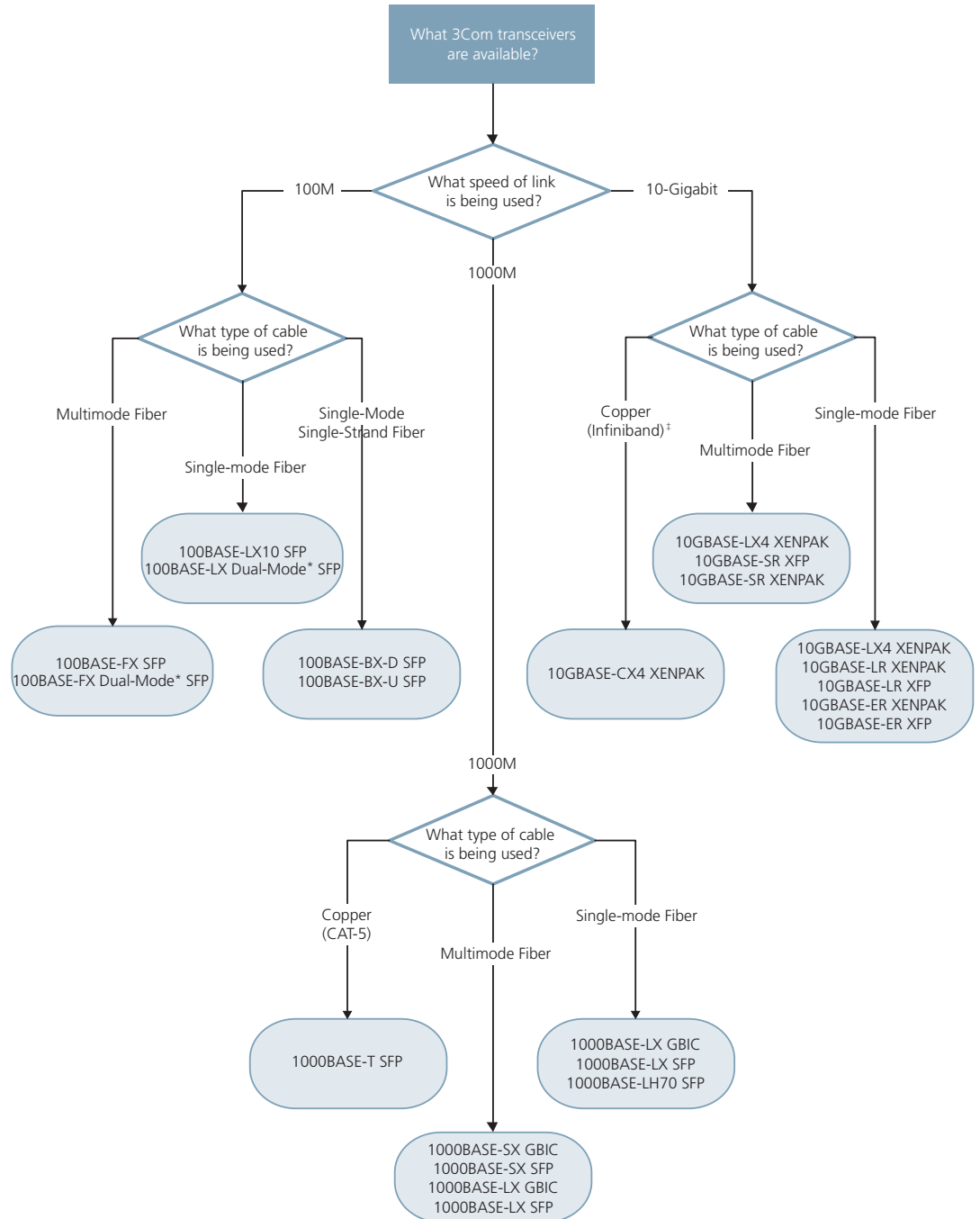


3Com SFPs

		XENPAKs					XFPs			1000 Mbps SFPs				100 Mbps SFPs						
		3CXENPAK91	3CXENPAK92	3CXENPAK94	3CXENPAK95	3CXENPAK96	3CXFP92	3CXFP94	3CXFP96	3CSFP91	3CSFP92	3CSFP93	3CSFP97	3CSFP81 [†]	3CSFP82 [†]	3CSFP85 [†]	3CSFP86 [†]	3CSFP9-81 [†]	3CSFP9-82 [†]	
3Com Switch Family Supported																				
Enterprise	Device Type	Supported Product Name and Ordering Number																		
	3Com Switch 8800																			
	Module	3Com Switch 8800 1-Port 10GBASE-X (3C17511) and Advanced (3C17525) Modules																		
	Module	3Com Switch 8800 2-Port 10GBASE-X (3C17512) and Advanced (3C17527) Modules																		
	Module	3Com Switch 8800 12-port 1000BASE-X (3C17513) Module																		
	Module	3Com Switch 8800 24-port 1000BASE-X (3C17514), Advanced (3C17530) and IPv6 (3C17533) Modules																		
	Module	3Com Switch 8800 4-Port 10GBASE-X (3C17526) and QUAD IPv6 (3C17536) Modules																		
	Module	3Com Switch 8800 48-Port 1000BASE-X IPv6 Module (3C17538) Module																		
	3Com Switch 7750																			
	Module	3Com Switch 7750/7700 20-port 1000BASE-X Module (3C16862A)																		
	Module	3Com Switch 7750/7700 1-Port 10GBASE-X Module (3C16875A)																		
	Module	3Com Switch 7750/7700 48-Port 100BASE-FX SFP Module (3C168915)																		
	Module	3Com Switch 7750/7700 12-Port 10/100/1000BASE-T & 4-Port 1000BASE-X SFP Module (3C168916)																		
	Module	3Com Switch 7750/7700 4-Port 10/100/1000BASE-T & 12-Port 1000BASE-X SFP Module (3C168917)																		
	Module	3Com Switch 7750/7700 96 Gbps Fabric (3C16886) Module																		
	3Com Switch 5500 and 5500G																			
	Switch	3Com Switch 5500-SI (all), 5500-EI (all but FX)																		
	Switch	3Com Switch 5500-EI 28-Port FX																		
Switch	3Com Switch 5500G-EI (all)																			
Module	3Com Switch 5500G 8-Port SFP Module (3C17260)																			
Module	3Com Switch 5500G 1-Port 10G Module (3C17261)																			
Module	3Com Switch 5500G 2-Port 10G Module (3C17268)																			
3Com Switch 4500 and 4500G																				
Switch	3Com Switch 4500 (all), Switch 4500G (all)																			
Module	3Com Switch 4500G 2-Port 10-Gigabit Module																			
3Com Switch 4200 and 4200G																				
Switch	3Com Switch 4200 28-Port (3C17304A)																			
Switch	3Com Switch 4200G (all)																			
Switch	3Com Switch 4200G 1-Port XFP Module (3C17666)																			
3Com Unified Gigabit Wireless PoE Switch 24																				
Switch	3Com Unified Gigabit Wireless PoE Switch 24 (3CRUS2475)																			
3Com Wireless LAN Switch																				
Switch	3Com Wireless LAN Controller WX2200 (3CRWX220095A)																			
3Com Baseline Plus Switches																				
Switch	3Com Baseline Plus Switches (all)																			
3Com OfficeConnect Switch																				
Switch	3Com OfficeConnect Managed Switch 9 FX (3CR16709-91)																			

[†] 100 Mbps SFP transceivers are for use only in the 100 Mbps ports of the indicated devices; they cannot be used in any 1000 Mbps Gigabit ports.
[‡] For use only in the last two SFP ports of these switches.

TRANSCEIVER FINDER



* "Dual-mode" 100BASE-X SFPs provide 100 Mbps fiber connectivity in selected 1000 Mbps slots.

† 3Com CX4 cables available in lengths of 50, 100 and 300 centimeters.

Specifications

3Com Transceiver Name	Ordering Number	Cable Type	Core Size (microns)	Modal Bandwidth (MHz - Km)	Transmission Range	Optical Power Range (dBm)			
						Wavelength (nm)	Output	Input	Connector
XENPAKs									
10GBASE-LR XENPAK	3CXENPAK92	SMF	9	–	2 m - 10 km (6.6 ft - 6 mi)	1,300	-8.2 to 0.5	-14.4 to 0.5	SC
10GBASE-SR XENPAK	3CXENPAK94	MMF	50	2,000	2 m - 300 m (3.2 ft - 990 ft)	850	-7.3 to -1.3	-11.1 to -1.0	SC
10GBASE-ER XENPAK	3CXENPAK96	SMF	9	–	2 m - 40 km (6.6 ft - 25 mi)	1,550	-4.7 to 4	-15.8 to -1	SC
10GBASE-CX4 XENPAK	3CXENPAK95	Infiniband	–	–	1 - 15 m (3.3 - 49.5 ft)	–	–	–	Infiniband 4x
10GBASE-LX4 XENPAK	3CXENPAK91	MMF	62.5	500	2 - 300 m (6.6 - 984 ft)	1,300	5.5 (max)	-14.25 to 5.5	SC
		MMF	50	400	2 - 400 m (6.6 - 1,312 ft)				
		MMF	50	500	2 - 300 m (6.6 - 984 ft)				
		SMF	9	–	2 m - 10 km (6.6 ft - 6 mi)				
XFPs									
10GBASE-LR XFP	3CXFP92	SMF	9	–	2 m - 10 km (6.6 ft - 6 mi)	1,300	-8.2 to 0.5	-14.4 to 0.5	LC
10GBASE-SR XFP	3CXFP94	MMF	62.5	160	0.5 - 26 m (1.7 - 85 ft)	850	-4.0 to -1.1	-9.9 to -1.0	LC
		MMF	62.5	200	0.5 - 33 m (1.7 - 108 ft)				
		MMF	50	400	0.5 - 66 m (1.7 - 217 ft)				
		MMF	50	500	0.5 - 100 m (1.7 - 328 ft)				
		MMF	50	2,000	0.5 - 300 m (1.7 - 984 ft)				
10GBASE-ER XFP	3CXFP96	SMF	9	–	2 m - 40 km (6.6 ft - 25 mi)	1,550	-4.7 to 4	-15.8 to -1	LC
1000 Mbps SFPs									
1000BASE-SX SFP	3CSFP91	MMF	62.5	160	2 - 220 m (6.6 - 721 ft)	850	-9.5 to 0	-17 to 0	LC
		MMF	62.5	200	2 - 275 m (6.6 - 902 ft)				
		MMF	50	400	2 - 500 m (6.6 - 1,640 ft)				
		MMF	50	500	2 - 550 m (6.6 - 1,804 ft)				
1000BASE-LX SFP	3CSFP92	MMF	62.5	500	2 - 550 m (6.6 - 1,804 ft)	1,300	-9.5 to -3	-20 to -3	LC
		MMF	50	400	2 - 550 m (6.6 - 1,804 ft)				
		MMF	50	500	2 - 550 m (6.6 - 1,804 ft)				
		SMF	9	–	2 m - 10 km (6.6 ft - 6 mi)				
1000BASE-LH70 SFP	3CSFP97	SMF	9	–	2 m - 70 km (6.6 ft - 43 mi)	1,550	0 to 3	-24 to -3	LC
1000BASE-T SFP	3CSFP93	CAT5	–	–	100 m (328 ft)	–	–	–	RJ-45
100 Mbps SFPs									
100BASE-FX SFP	3CSFP81	MMF	62.5	500	2 m - 2 km (6.6 ft - 1.2 mi)	1,300	-19 to -14	-31	LC
		MMF	50	400	2 m - 2 km (6.6 ft - 1.2 mi)				
		MMF	50	500	2 m - 2 km (6.6 ft - 1.2 mi)				
100BASE-LX10 SFP	3CSFP82	SMF	9	–	2 m - 10 km (6.6 ft - 6 mi)	1,300	-15 to -8	-25 to -8	LC
100BASE-BX-D SFP	3CSFP85	SMF	9	–	15 km (9.3 mi)	1,550 Xmit	-14 to -8		LC
						1,310 Rcv	-31		
100BASE-BX-U SFP	3CSFP86	SMF	9	–	15 km (9.3 mi)	1,310 Xmit	-14 to -8		LC
						1,550 Rcv	-31		
100BASE-FX SFP (Dual-mode)	3CSFP9-81	MMF	50	400	0.5 m - 2 km (1.7 ft - 1.2 mi)	1,310	-20 to -14	-31 to -8	LC
		MMF	62.5	500	0.5 m - 2 km (1.7 ft - 1.2 mi)				
100BASE-LX SFP (Dual-mode)	3CSFP9-82	SMF	9	–	10 km (6.2 mi)	1,310	-15 to -8	-28 to -8	LC

One Year Limited Warranty.

ORDERING INFORMATION

PRODUCT DESCRIPTION	3COM SKU	PRODUCT DESCRIPTION	3COM SKU	PRODUCT DESCRIPTION	3COM SKU		
XENPAKs							
3Com 10GBASE-LX4 XENPAK	3CXENPAK91	XFPs					
3Com 10GBASE-LR XENPAK	3CXENPAK92	3Com 10GBASE-LR XFP	3CXFP92	100 Mbps SFPs			
3Com 10GBASE-SR XENPAK	3CXENPAK94	3Com 10GBASE-SR XFP	3CXFP94	3Com 100BASE-FX SFP	3CSFP81		
3Com 10GBASE-CX4 XENPAK	3CXENPAK95	3Com 10GBASE-ER XFP	3CXFP96	3Com 100BASE-LX10 SFP	3CSFP82		
3Com 10GBASE-ER XENPAK	3CXENPAK96	1000 Mbps SFPs					
		3Com 1000BASE-SX SFP	3CSFP91	3Com 100BASE-BX10-D SFP	3CSFP85		
		3Com 1000BASE-LX SFP	3CSFP92	3Com 100BASE-BX10-U SFP	3CSFP86		
		3Com 1000BASE-T SFP	3CSFP93	3Com 100BASE-FX SFP (Dual-Mode)	3CSFP9-81		
		3Com 1000BASE-LH70 (70km) SFP	3CSFP97	3Com 100BASE-LX SFP (Dual-Mode)	3CSFP9-82		
		Cables					
		3Com CX4 Local Connection Cable – 50 cm	3C17775				
		3Com CX4 Local Connection Cable – 100 cm	3C17776				
		3Com CX4 Local Connection Cable – 300 cm	3C17777				



3Com Corporation, Corporate Headquarters, 350 Campus Drive, Marlborough, MA 01752-3064
3Com is publicly traded on NASDAQ under the symbol COMS.

Copyright © 2007 3Com Corporation. All rights reserved. 3Com and the 3Com logo are registered trademarks of 3Com Corporation. All other company and product names may be trademarks of their respective companies. While every effort is made to ensure the information given is accurate, 3Com does not accept liability for any errors or mistakes which may arise. All specifications are subject to change without notice. 400836-013 03/07