



**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

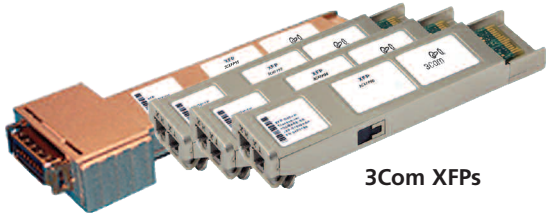
Transceivers can be hot-swapped, reducing maintenance and upgrading costs and network downtime. No need to replace entire circuit boards containing several soldered-in modules.

SUPPORTED 3COM SWITCHES AND MODULES

		XENPAKs					XFPs				1000 Mbps SFPs				100 Mbps SFPs						
		3CXENPAK91	3CXENPAK92	3CXENPAK94	3CXENPAK95	3CXENPAK96	3CXFP92	3CXFP94	3CXFP95	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	Switch 8800 1-Port 10GBASE-X (3C17511) and Advanced (3C17525) Modules																			
	Module	Switch 8800 2-Port 10GBASE-X Advanced (3C17527) and IPv6 (3C17537) Modules																			
	Module	Switch 8800 4-Port 10GBASE-X (3C17526) and QUAD IPv6 (3C17536) Modules																			
	Module	Switch 8800 24-port 1000BASE-X (3C17514), Advanced (3C17530) and IPv6 (3C17533) Modules																			
	Module	Switch 8800 48-Port 1000BASE-X IPv6 Module (3C17538)																			
	3Com Switch 7750																				
	Module	Switch 7750/7700 1-Port 10GBASE-X Module (3C16875A)																			
	Module	Switch 7750/7700 20-port 1000BASE-X Module (3C16862A)																			
Module	Switch 7750/7700 12-Port 10/100/1000BASE-T & 4-Port 1000BASE-X SFP Module (3C168916)																				
Module	Switch 7750/7700 4-Port 10/100/1000BASE-T & 12-Port 1000BASE-X SFP Module (3C168917)																				
Module	Switch 7750/7700 48-Port 100BASE-FX SFP Module (3C168915)																				
Module	Switch 7750/7700 96 Gbps Fabric (3C16886) Module																				
3Com Switch 5500 and 5500G																					
Switch	Switch 5500-SI (all), 5500-EI (all but FX)																				
Switch	Switch 5500-EI 28-Port FX																				
Switch	Switch 5500G-EI (all)																				
Module	Switch 5500G 1-Port 10G Module (3C17261)																				
Module	Switch 5500G 2-Port 10G Module (3C17268)																				
Module	Switch 5500G 8-Port SFP Module (3C17260)																				
3Com Switch 4500 and 4500G																					
Switch	Switch 4500 (all)																				
Switch	Switch 4500G (all)																				
Module	Switch 4500G 1-Port 10-Gigabit Module (3C17768)																				
Module	Switch 4500G 2-Port 10-Gigabit Module (3C17766)																				
Medium	3Com Switch 4200, 4200G and 4210																				
	Switch	Switch 4200 28-Port (3C17304A)																			
	Switch	Switch 4200G (all)																			
	Switch	Switch 4210 (all)																			
	Module	Switch 4200G 1-Port XFP Module (3C17666)																			
	3Com Unified Gigabit Wireless PoE Switch 24																				
	Switch	Unified Gigabit Wireless PoE Switch 24																			
	3Com Wireless LAN Switch																				
	Switch	Wireless LAN Controller WX2200																			
	3Com Baseline Plus Switch																				
Switch	Baseline Plus Switches (all)																				
Small	3Com OfficeConnect® Switch																				
	Switch	OfficeConnect Managed Gigabit PoE Switch (3CDSG10PWR) and Switch 9 FX (3CR1609-91)																			



3Com XENPAKs

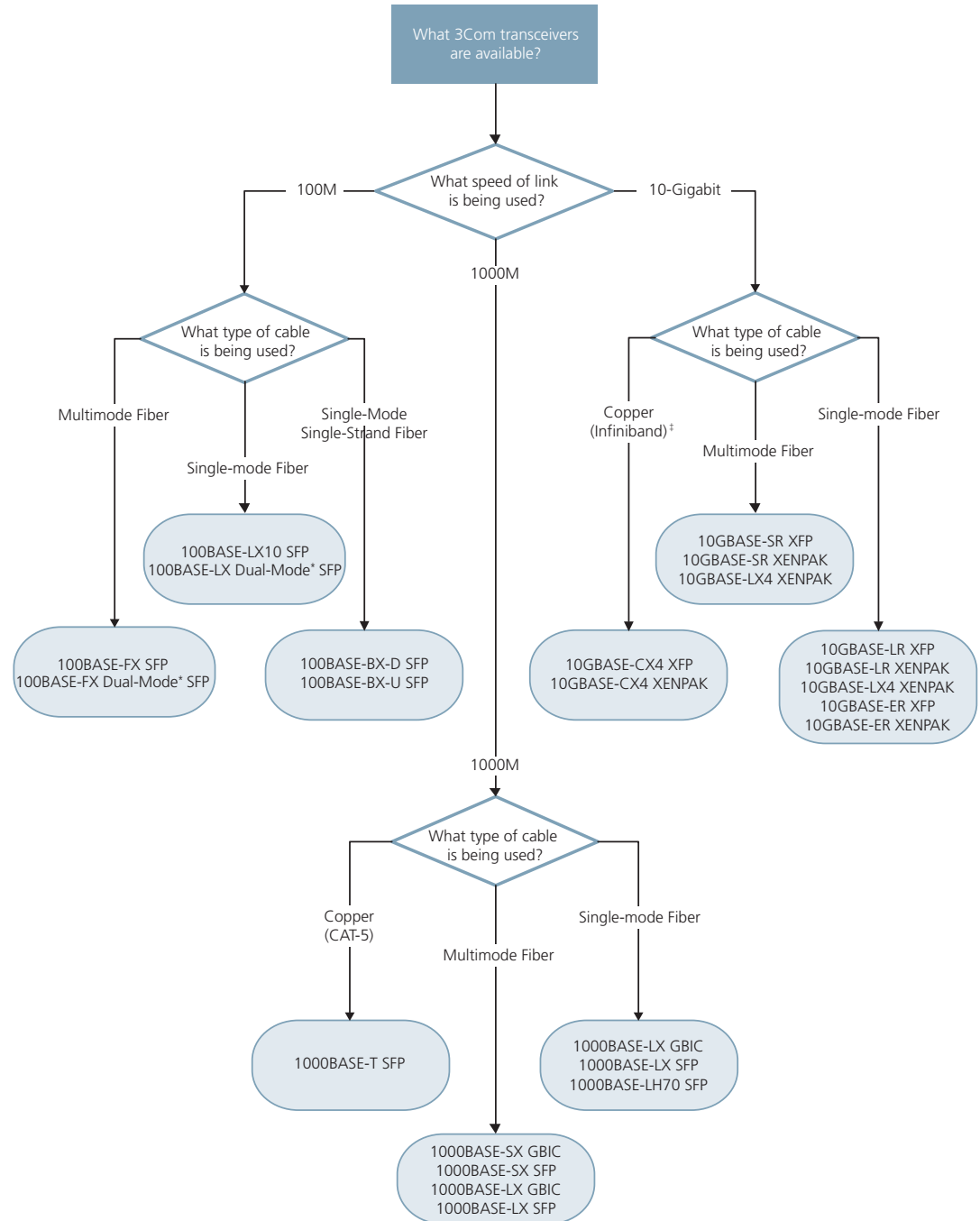


3Com XFPs



3Com SFPs

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-CX4 XFP	3CXFP95	Infiniband	–	–	1 - 15 m (3.3 - 49.5 ft)	–	–	–	Infiniband 4x
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-CX4 XFP	3CXFP95	3Com 100BASE-LX10 SFP	3CSFP82		
3Com 10GBASE-ER XENPAK	3CXENPAK96	3Com 10GBASE-ER XFP	3CXFP96	3Com 100BASE-BX10-D SFP	3CSFP85		
1000 Mbps SFPs							
3Com 1000BASE-SX SFP	3CSFP91	3Com 100BASE-BX10-U SFP				3CSFP86	
3Com 1000BASE-LX SFP	3CSFP92	3Com 100BASE-FX SFP (Dual-Mode)				3CSFP9-81	
3Com 1000BASE-T SFP	3CSFP93	3Com 100BASE-LX SFP (Dual-Mode)				3CSFP9-82	
3Com 1000BASE-LH70 (70km) SFP	3CSFP97	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							



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