



Standards-based flexible Gigabit Ethernet connections

OVERVIEW

3Com® GBIC transceivers are industry-standard, hot-swappable devices that plug into a GBIC 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).

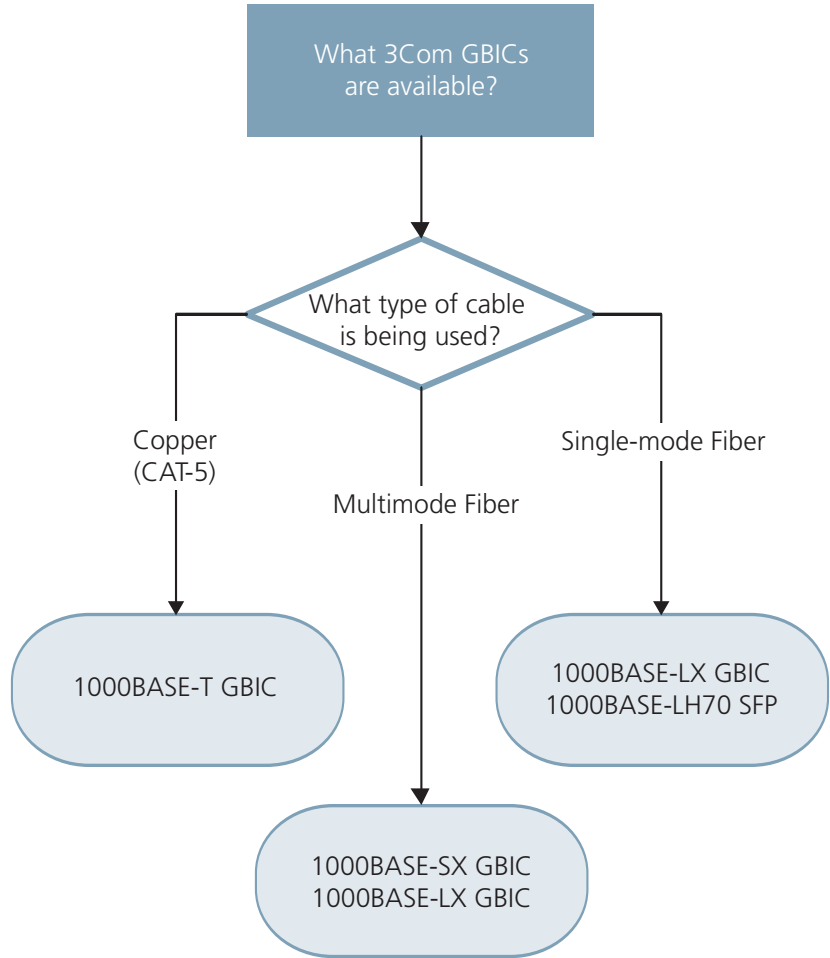
LEVERAGE INTEROPERABLE ARCHITECTURE

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

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.

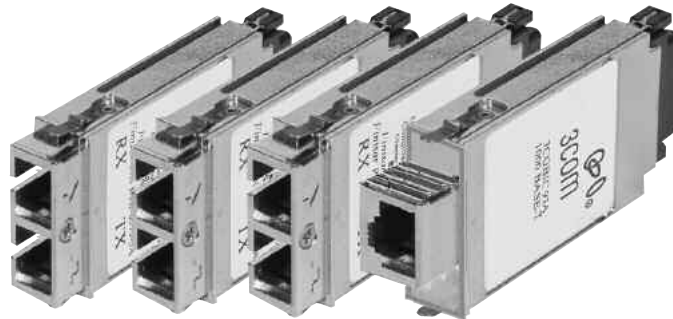
GBICs FINDER



SUPPORTED 3COM SWITCHES AND MODULES

		GBICs			
		3CGBIC91	3CGBIC92	3CGBIC93A	3CGBIC97
3Com Switch Family Supported					
Device Type	Supported Product Name and Ordering Number				
3Com Switch 7700					
Module	3Com Switch 7700 8-port 1000BASE-X Module (3C16858)				
Module	3Com Switch 7700 4-Port 1000BASE-X Fabric Sub-Module (3C16874)				
3Com Switch 40x0					
Switch	3Com Switch 4060 and Switch 4050				
Module	3Com 4-Slot GBIC Module (3C17714)				
3Com Switch 40x0					
Switch	3Com SuperStack 3 Switch 4950				
Module	3Com 4-Slot GBIC Module (3C17714)				
3Com SuperStack 3 Switch 4200					
Switch	3Com SuperStack 3 Switch 4228G 24-Port Plus (3C17304)				
3Com Wireless LAN Switch					
Switch	3Com Wireless LAN Controller WX4400 (3CRWX440095A)				

Note: The above is a partial list of 3Com products supported by these GBIC transceivers. Most legacy 3Com products that utilize GBICs are also supported. For information on these legacy products, consult the user guides and manuals shipped with the product, or go to <http://support.3com.com>.



3Com GBICs

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
GBICs									
3Com 1000BASE-SX GBIC	3CGBIC91	MMF	62.5	160	2 – 220 m (6.6 – 721.8 ft)	850	-10.5 to -4	-17 to 0	SC
		MMF	62.5	200	2 – 275 m (6.6 – 902.3 ft)				
		MMF	50	400	2 – 500 m (6.6 – 1,640.5 ft)				
		MMF	50	500	2 – 550 m (6.6 – 1,804.6 ft)				
3Com 1000BASE-LX GBIC	3CGBIC92	MMF	62.5	500	2 – 550 m (6.6 – 1,804.6 ft)	1,300	-14 to -3	-20 to -3	SC
		MMF	50	400	2 – 550 m (6.6 – 1,804.6 ft)				
		MMF	50	500	2 – 550 m (6.6 – 1,804.6 ft)				
		SMF	9	–	2 m – 10 km (6.6 ft – 6 mi)				
3Com 1000BASE-LH70 GBIC	3CGBIC97	SMF	9	–	2 m – 70 km (6.6 ft – 43 mi) [†]	1,550	-3 to 3	-24 to -1	LC
3Com 1000BASE-T GBIC	3CGBIC93A	CAT5	–	–	100 m (328.0 ft)	–	–	–	RJ-45

[†] If using cable lengths shorter than 20 km, a single-mode fiber attenuator must be used to avoid signal saturation.

One Year Limited Warranty.

ORDERING INFORMATION

PRODUCT DESCRIPTION

3COM SKU

GBICs

3Com 1000BASE-SX GBIC	3CGBIC91
3Com 1000BASE-LX GBIC	3CGBIC92
3Com 1000BASE-T GBIC	3CGBIC93A
3Com 1000BASE-LH70 (70km) GBIC	3CGBIC97

XENPAKS, XFPS, SFPS

3Com also sells a complete line of 10-Gigabit, Gigabit and Fast Ethernet XENPAK, XFP and SFP transceivers. See www.3com.com/transceivers for more information.



3Com Corporation, Corporate Headquarters, 350 Campus Drive, Marlborough, MA 01752-3064
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