

Introduction:

Cisco-compatible GBIC for Gigabit Ethernet and Fibre-Channel.

Features:

Hot-swappable input/output device that plugs into IEEE 802.3z standards-compliant GBIC slots of Cisco switches or Routers.

Performance:

- 1.25Gbps full-duplex links
- Optical link budgets greater than or equal to that required by IEEE 802.3
- Platform support: Cisco-compatible CWDM GBICs are supported across a variety of Cisco switches, routers, and optical transport devices.



Connectors and Cables:

- Equipment: standard GBIC interface (no cabling required)
 - Network: duplex SC/PC connector (use appropriate jumper/patchcord)
- Note:** Only connections with patch cords with PC or UPC connectors are supported. Patch cords with APC connectors are not supported.

Cisco Compatible GBICs

Description	Cisco Part Number	Fiberdyne Part Number
<p>1000Base-T GBIC: The Cisco Compatible GBIC provides full duplex Gigabit Ethernet connectivity to high-end workstations and between wiring closets over existing copper network infrastructures.</p> <p>More Information</p>	WS-G5483	FDN-WS-G5483
<p>1000Base-SX GBIC: is a hot-swappable input/output device that plugs into a Gigabit Ethernet port/slot, linking the port with the fiber-optic network.</p> <p>More Information</p>	WS-G5484	FDN-WS-G5484
<p>1000BASE-LX/LH long haul GBIC (singlemode or multimode): is a hot-swappable input/output device that plugs into a Gigabit Ethernet port/slot, linking the port with the fiber-optic network.</p> <p>More Information</p>	WS-G5486	FDN-WS-G5486
<p>1000Base-ZX extended reach GBIC (singlemode): operates on ordinary single mode fiber optic link spans of up to 70 km in length.</p> <p>More Information</p>	WS-G5487	FDN-WS-G5487

Cisco CWDM Compatible GBICs

Description	Cisco Part Number	Fiberdyne Part Number
CWDM GBIC, 1470-nm	CWDM-GBIC-1470	FDN-CWDM-GBIC-1470
CWDM GBIC, 1490-nm	CWDM-GBIC-1490	FDN-CWDM-GBIC-1490
CWDM GBIC, 1510-nm	CWDM-GBIC-1510	FDN-CWDM-GBIC-1510
CWDM GBIC, 1530-nm	CWDM-GBIC-1530	FDN-CWDM-GBIC-1530
CWDM GBIC, 1550-nm	CWDM-GBIC-1550	FDN-CWDM-GBIC-1550
CWDM GBIC, 1570-nm	CWDM-GBIC-1570	FDN-CWDM-GBIC-1570
CWDM GBIC, 1590-nm	CWDM-GBIC-1590	FDN-CWDM-GBIC-1590
CWDM GBIC, 1610-nm	CWDM-GBIC-1610	FDN-CWDM-GBIC-1610

3Com Compatible GBICs

Description	3Com Part Number	Fiberdyne Part Number
1000Base-SX GBIC: 3Com 100% compliant 1000Base-SX, operates on ordinary multimode fiber (MMF) optic link spans up to 1815 feet (550 m) long.	3CGBIC91	FDN-3CGBIC91
1000Base-LX GBIC: 3Com 100% compliant 1000Base-LX, operates on ordinary singlemode fiber optic link.	3CGBIC92	FDN-3CGBIC92
1000Base-T GBIC: 3Com 100% compliant 1000Base-T, connects a GBIC port to Category 5 wiring via a standard RJ-45 interface. Maximum distance is 328 feet (100 meters)	3CGBIC93A	FDN-3CGBIC93A
1000Base-ZX GBIC: 3Com 100% compliant 1000Base-ZX, operates on ordinary singlemode fiber optic link.	3CGBIC97	FDN-3CGBIC97

Nortel Compatible GBICs

Description	Nortel Part Number	Fiberdyne Part Number
1000Base-SX GBIC	AA1419001	FDN-AA1419001
1000Base-LX GBIC	AA1419002	FDN-AA1419002
1000Base-ZX GBIC	AA1419004	FDN-AA1419004
1000Base-T GBIC	AA1419042	FDN-AA1419042

HP Compatible GBICs

Description	HP Part Number	Fiberdyne Part Number
1000Base-SX GBIC	J4131A	FDN-J4131A
1000Base-LX GBIC	J4132A	FDN-J4132A
1000Base-T GBIC	J4834A	FDN-J4834A

Extreme Compatible GBICs

Description	Extreme Part Number	Fiberdyne Part Number
1000Base-SX GBIC	10011	FDN-10011
1000Base-LX GBIC	10013	FDN-10013
1000Base-ZX GBIC	10017	FDN-10017
1000Base-T GBIC	10018	FDN-10018

MSA Compatible GBICs

Fiberdyne Part Number	Data Rate	Wavelength	Distance	Package	Temp.	Source
FDN-G8524S5CG1VP	1.25G	850	550M	GBIC	0~70	VSCEL+PIN
FDN-G3124L2CG2FP	1.25G	1310	20km	GBIC	0~70	FP+PIN
FDN-G3124L4CG1AP	1.25G	1310	40km	GBIC	0~70	DFB+PIN
FDN-G5524L8CG2AP	1.25G	1550	80km	GBIC	0~70	DFB+PIN
FDN-G8524S5CG3VP	1.25G	850	500M	GBIC	0~70	VSCEL+PIN
FDN-G3124L2CG3FP	1.25G	1310	20km	GBIC	0~70	FP+PIN
FDN-G3124L4CG3AP	1.25G	1310	40km	GBIC	0~70	DFB+PIN
FDN-G5524L8CG3AP	1.25G	1550	80km	GBIC	0~70	DFB+PIN

1000Base-T Copper GBIC

Fiberdyne Part Number	Data Rate	Wavelength	Distance	Package	Temp.	Source
FDN-GBG3RC	1000M	-	100M (UTP-5)	Copper GBIC	0~70	-

BIDI GBIC

Fiberdyne Part Number	Data Rate	Wavelength	Distance	Package	Temp.	Source
FDN-GB3524SL2C	1.25G	1310/1550	20km	BIDI GBIC	0~70	FP+PIN
FDN-GB5324SL2C	1.25G	1550/1310	20km	BIDI GBIC	0~70	DFB+PIN
FDN-GB3524SL4C	1.25G	1310/1550	40km	BIDI GBIC	0~70	DFB+PIN
FDN-GB5324SL4C	1.25G	1550/1310	40km	BIDI GBIC	0~70	DFB+PIN

CWDM GBIC without DDMI,
XX=41, 43, 45,...61, which 41=1410nm, 43=1430nm, and 61=1610nm

Fiberdyne Part Number	Data Rate	Wavelength	Distance	Package	Temp.	Source
FDN-GCXX24L8C	1.25G	1310	80km	CWDM GBIC	0~70	DFB+PIN