



Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Revised: March 29, 2018

Requirements and procedures for initial configurations and software upgrades tend to change and therefore appear only in the switch or router software release notes. Before installing, configuring, or upgrading a switch, refer to the product release notes on Cisco.com for the latest information. This matrix does not replace or supersede the release notes.

This publication contains information on the Cisco platforms and minimum software releases that support the Gigabit Interface Converter (GBIC) and Gigabit Ethernet Small Form-Factor Pluggable (SFP) transceiver modules.

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Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Gigabit Ethernet Transceiver Models

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Gigabit Ethernet Transceiver Models

GBIC Transceivers	
Model Number	Description
WS-G5482=	1000BASE-T GBIC transceiver module for Category 5 copper wire, RJ-45 connector
WS-G5483=	1000BASE-T GBIC transceiver module for Category 5 copper wire, RJ-45 connector
WS-G5484=	1000BASE-SX GBIC transceiver module for Multi mode Fiber (MMF), 850-nanometer (nm) wavelength, dual SC/PC connector
WS-G5486=	1000BASE-LX/LH GBIC transceiver module for MMF and SMF, 1300-nm wavelength, dual SC/PC connector

GBIC Transceivers	
Model Number	Description
WS-G5487=	1000BASE-ZX GBIC transceiver module for Single Mode Fiber (SMF), 1550-nm wavelength, dual SC/PC connector

CWDM GBIC Transceivers (Dual SC/PC connectors)

Model Number	Description
CWDM-GBIC-1470=	Cisco 1000BASE-CWDM GBIC 1470 nm
CWDM-GBIC-1490=	Cisco 1000BASE-CWDM GBIC 1490 nm
CWDM-GBIC-1510=	Cisco 1000BASE-CWDM GBIC 1510 nm
CWDM-GBIC-1530=	Cisco 1000BASE-CWDM GBIC 1530 nm
CWDM-GBIC-1550=	Cisco 1000BASE-CWDM GBIC 1550 nm
CWDM-GBIC-1570=	Cisco 1000BASE-CWDM GBIC 1570 nm
CWDM-GBIC-1590=	Cisco 1000BASE-CWDM GBIC 1590 nm
CWDM-GBIC-1610=	Cisco 1000BASE-CWDM GBIC 1610 nm

DWDM GBIC Transceivers (Dual SC/PC connectors)

Model Number	Transceiver Description
DWDM-GBIC-60.61=	1000BASE-DWDM GBIC 1560.61 nm
DWDM-GBIC-59.79=	1000BASE-DWDM GBIC 1559.79 nm
DWDM-GBIC-58.98=	1000BASE-DWDM GBIC 1558.98 nm
DWDM-GBIC-58.17=	1000BASE-DWDM GBIC 1558.17 nm
DWDM-GBIC-56.55=	1000BASE-DWDM GBIC 1556.55 nm
DWDM-GBIC-55.75=	1000BASE-DWDM GBIC 1555.75 nm
DWDM-GBIC-54.94=	1000BASE-DWDM GBIC 1554.94 nm
DWDM-GBIC-54.13=	1000BASE-DWDM GBIC 1554.13 nm
DWDM-GBIC-52.52=	1000BASE-DWDM GBIC 1552.52 nm
DWDM-GBIC-51.72=	1000BASE-DWDM GBIC 1551.72 nm

DWDM GBIC Transceivers (Dual SC/PC connectors)	
Model Number	Transceiver Description
DWDM-GBIC-50.92=	1000BASE-DWDM GBIC 1550.92 nm
DWDM-GBIC-50.12=	1000BASE-DWDM GBIC 1550.12 nm
DWDM-GBIC-48.51=	1000BASE-DWDM GBIC 1548.51 nm
DWDM-GBIC-47.72=	1000BASE-DWDM GBIC 1547.72 nm
DWDM-GBIC-46.92=	1000BASE-DWDM GBIC 1546.92 nm
DWDM-GBIC-46.12=	1000BASE-DWDM GBIC 1546.12 nm
DWDM-GBIC-44.53=	1000BASE-DWDM GBIC 1544.53 nm
DWDM-GBIC-43.73=	1000BASE-DWDM GBIC 1543.73 nm
DWDM-GBIC-42.94=	1000BASE-DWDM GBIC 1542.94 nm
DWDM-GBIC-42.14=	1000BASE-DWDM GBIC 1542.14 nm
DWDM-GBIC-40.56=	1000BASE-DWDM GBIC 1540.56 nm
DWDM-GBIC-39.77=	1000BASE-DWDM GBIC 1539.77 nm
DWDM-GBIC-39.98=	1000BASE-DWDM GBIC 1539.98 nm
DWDM-GBIC-38.19=	1000BASE-DWDM GBIC 1538.19 nm
DWDM-GBIC-35.82=	1000BASE-DWDM GBIC 1535.82 nm
DWDM-GBIC-35.04=	1000BASE-DWDM GBIC 1535.04 nm
DWDM-GBIC-34.25=	1000BASE-DWDM GBIC 1534.25 nm
DWDM-GBIC-32.68=	1000BASE-DWDM GBIC 1532.68 nm
DWDM-GBIC-31.90=	1000BASE-DWDM GBIC 1531.90 nm
DWDM-GBIC-31.12=	1000BASE-DWDM GBIC 1531.12 nm
DWDM-GBIC-30.33=	1000BASE-DWDM GBIC 1530.33 nm

SFP Transceivers	
Model Number	Transceiver Description
GLC-T=	1000BASE-T SFP transceiver module for Category 5 copper wire, RJ-45 connector

SFP Transceivers	
Model Number	Transceiver Description
GLC-TE=	1000BASE-T SFP transceiver module for Category 5 copper wire, RJ-45 connector, Extended Temperature
GLC-SX-MM=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, dual LC/PC connector
GLC-LH-SM=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, dual LC/PC connector
GLC-ZX-SM=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, dual LC/PC connector
GLC-BX-D=	1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength, single LC/PC connector
GLC-BX-U=	1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1490-nm RX wavelength, single LC/PC connector
GLC-BX40-D-I	1000BASE-BX10 SFP module for single-strand SMF, 1550-nm TX/1310-nm RX wavelength, single LC/PC connector
GLC-BX40-U-I	1000BASE-BX10 SFP module for single-strand SMF, 1310-nm TX/1550-nm RX wavelength, single LC/PC connector
GLC-BX80-D-I	1000BASE-BX10 SFP module for single-strand SMF, 1570-nm TX/1490-nm RX wavelength, single LC/PC connector
GLC-BX80-U-I	1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1570-nm RX wavelength, single LC/PC connector
GLC-BX40-DA-I	1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength, single LC/PC connector
GLC-2BX-D=	Dual-channel 1000BASE-BX10 SFP module for single-strand SMF, 1490-nm TX/1310-nm RX wavelength, two single LC/PC connectors
SFP-GE-S=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
SFP-GE-L=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
GLC-EX-SMD=	1000BASE-EX SFP transceiver module for SMF, 1310-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
SFP-GE-Z=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
SFP-GE-T=	1000BASE-T SFP transceiver module for Category 5 copper wire, extended operating temperature range, RJ-45 connector
GLC-SX-MM-RGD	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, industrial Ethernet, dual LC/PC connector

SFP Transceivers	
Model Number	Transceiver Description
GLC-LX-SM-RGD	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, industrial Ethernet, dual LC/PC connector
GLC-ZX-SM-RGD	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, industrial Ethernet, dual LC/PC connector
GLC-SX-MMD=	1000BASE-SX SFP transceiver module for MMF, 850-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
GLC-LH-SMD=	1000BASE-LX/LH SFP transceiver module for MMF and SMF, 1300-nm wavelength, extended operating temperature range and DOM support, dual LC/PC connector
GLC-ZX-SMD=	1000BASE-ZX SFP transceiver module for SMF, 1550-nm wavelength, dual LC/PC connector
SFP-GPON-B	Gigabit passive optical network (GPON) Class B+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength
SFP-GPON-B-I	Gigabit passive optical network (GPON) Class B+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength, industrial temperature range
SFP-GPON-C	Gigabit passive optical network (GPON) Class C+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength
SFP-GPON-C-I	Gigabit passive optical network (GPON) Class C+ SFP OLT transceiver module, 1490-nm TX/1310-nm RX wavelength, industrial temperature range

CWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
CWDM-SFP-1470=	Cisco CWDM SFP 1470 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1490=	Cisco CWDM SFP 1490 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1510=	Cisco CWDM SFP 1510 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1530=	Cisco CWDM SFP 1530 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1550=	Cisco CWDM SFP 1550 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1570=	Cisco CWDM SFP 1570 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1590=	Cisco CWDM SFP 1590 nm; Gigabit Ethernet and 1G/2G FC
CWDM-SFP-1610=	Cisco CWDM SFP 1610 nm; Gigabit Ethernet and 1G/2G FC

DWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-6061=	Cisco 1000BASE-DWDM SFP 1560.61 nm
DWDM-SFP-5979=	Cisco 1000BASE-DWDM SFP 1559.79 nm
DWDM-SFP-5898=	Cisco 1000BASE-DWDM SFP 1558.98 nm
DWDM-SFP-5817=	Cisco 1000BASE-DWDM SFP 1558.17 nm
DWDM-SFP-5655=	Cisco 1000BASE-DWDM SFP 1556.55 nm
DWDM-SFP-5575=	Cisco 1000BASE-DWDM SFP 1555.75 nm
DWDM-SFP-5413=	Cisco 1000BASE-DWDM SFP 1554.13 nm
DWDM-SFP-5494=	Cisco 1000BASE-DWDM SFP 1554.94 nm
DWDM-SFP-5252=	Cisco 1000BASE-DWDM SFP 1552.52 nm
DWDM-SFP-5172=	Cisco 1000BASE-DWDM SFP 1551.72 nm
DWDM-SFP-5092=	Cisco 1000BASE-DWDM SFP 1550.92 nm
DWDM-SFP-5012=	Cisco 1000BASE-DWDM SFP 1550.12 nm
DWDM-SFP-4851=	Cisco 1000BASE-DWDM SFP 1548.51 nm
DWDM-SFP-4772=	Cisco 1000BASE-DWDM SFP 1547.72 nm
DWDM-SFP-4692=	Cisco 1000BASE-DWDM SFP 1546.92 nm
DWDM-SFP-4612=	Cisco 1000BASE-DWDM SFP 1546.12 nm
DWDM-SFP-4453=	Cisco 1000BASE-DWDM SFP 1544.53 nm
DWDM-SFP-4373=	Cisco 1000BASE-DWDM SFP 1543.73 nm
DWDM-SFP-4294=	Cisco 1000BASE-DWDM SFP 1542.94 nm
DWDM-SFP-4214=	Cisco 1000BASE-DWDM SFP 1542.14 nm
DWDM-SFP-4056=	Cisco 1000BASE-DWDM SFP 1540.56 nm
DWDM-SFP-3977=	Cisco 1000BASE-DWDM SFP 1539.77 nm
DWDM-SFP-3898=	Cisco 1000BASE-DWDM SFP 1539.98 nm
DWDM-SFP-3819=	Cisco 1000BASE-DWDM SFP 1538.19 nm
DWDM-SFP-3661=	Cisco 1000BASE-DWDM SFP 1536.61 nm
DWDM-SFP-3582=	Cisco 1000BASE-DWDM SFP 1535.82 nm

DWDM SFP Transceivers (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-3504=	Cisco 1000BASE-DWDM SFP 1535.04 nm
DWDM-SFP-3425=	Cisco 1000BASE-DWDM SFP 1534.25 nm
DWDM-SFP-3268=	Cisco 1000BASE-DWDM SFP 1532.68 nm
DWDM-SFP-3190=	Cisco 1000BASE-DWDM SFP 1531.90 nm
DWDM-SFP-3112=	Cisco 1000BASE-DWDM SFP 1531.12 nm
DWDM-SFP-3033=	Cisco 1000BASE-DWDM SFP 1530.33 nm

DWDM SFP Transceivers (8 additional wavelengths) (dual LC/PC connector)	
Model Number	Transceiver Description
DWDM-SFP-6141=	Cisco 1000BASE-DWDM SFP 1561.42 nm
DWDM-SFP-5736=	Cisco 1000BASE-DWDM SFP 1557.36 nm
DWDM-SFP-5332=	Cisco 1000BASE-DWDM SFP 1553.33 nm
DWDM-SFP-4931=	Cisco 1000BASE-DWDM SFP 1549.32 nm
DWDM-SFP-4532=	Cisco 1000BASE-DWDM SFP 1545.32 nm
DWDM-SFP-4134=	Cisco 1000BASE-DWDM SFP 1541.35 nm
DWDM-SFP-3739=	Cisco 1000BASE-DWDM SFP 1537.40 nm
DWDM-SFP-3346=	Cisco 1000BASE-DWDM SFP 1533.47 nm

Catalyst Express 500 Support

[Catalyst Express 500](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-CE500-24LC	GLC-SX-MM	—	12.2(25)FY
WS-CE500-24PC	GLC-LH-SM		
WS-CE500G-12TC	GLC-SX-MMD		
	GLC-LH-SMD		

[Catalyst Express 520](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CE520-8PC-K9	GLC-SX-MM	—	12.2(35)EX
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-CE520-24LC-K9 WS-CE520-24PC-K9 WS-CE520G-24TC-K9	GLC-SX-MM	—	12.2(37)EX
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		

Metro Ethernet Support

[Cisco ME 2400](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
ME-2400-24TS-A ME-2400-24TS-D	GLC-T(10/100/1000)	—	12.2(25)EX
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D	12.2(44)SE	12.2(25)EX
	GLC-BX-U		
	CDWM SFP		

[Cisco ME2600X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME2600X-44FA-D-K9=	GLC-BX-D	—	15.2(02)SA
ME2600X-44FE-D-K9=	GLC-BX-U		
ME2600X-44FA-A-K9=			

[Cisco ME 3400](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3400-24TS-A ME-3400-24TS-D	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(25)EX
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(46)SE	12.2(25)EX
	GLC-ZX-SM	12.2(46)SE	12.2(25)EX
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(44)SE	12.2(25)EX
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE
	ME-3400G-12CS-A ME-3400G-12CS-D	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—
GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD		12.2(46)SE	12.2(25)SEG1
GLC-ZX-SM		12.2(46)SE	12.2(25)SEG1
GLC-BX-D		12.2(44)SE	12.2(25)SEG1
GLC-BX-U		12.2(44)SE	12.2(25)SEG1
CWDM SFP		12.2(44)SE	12.2(25)SEG1
DWDM SFP		12.2(44)SE	12.2(40)SE
DWDM SFP (add.)		12.2(50)SE	12.2(50)SE
SFP-GE-S SFP-GE-L		12.2(46)SE	12.2(46)SE

Cisco ME 3400

Network Device	Transceiver Model	Minimum Software Release Required		
		DOM Support	Software Release	
	SFP-GE-T (10/100/1000)	—	12.2(46)SE	
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE	
ME-3400G-2CS-A	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(35)SE1	
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM	12.2(46)SE	12.2(35)SE1	
	GLC-BX-D GLC-BX-U	12.2(44)SE	12.2(35)SE1	
	CWDM SFP	12.2(44)SE	12.2(35)SE1	
	DWDM SFP	12.2(44)SE	12.2(40)SE	
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE	
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE	
	SFP-GE-T (10/100/1000)	—	12.2(46)SE	
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE	
	ME-3400-24FS-A	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(40)SE
		GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	12.2(46)SE	12.2(40)SE
		GLC-BX-D GLC-BX-U	12.2(44)SE	12.2(40)SE
		CWDM SFP	12.2(44)SE	12.2(40)SE
DWDM SFP		12.2(50)SE	12.2(40)SE	
DWDM SFP (add.)		12.2(50)SE	12.2(50)SE	

[Cisco ME 3400](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-S SFP-GE-L	12.2(46)SE	12.2(46)SE
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE

Cisco ME 3400E

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3400E-24TS-M	GLC-SX-MM	—	12.2(44)EY
ME-3400EG-2CS-A	GLC-LH-SM		
ME-3400EG-12CS-M	GLC-SX-MMD	12.2(44)EY	12.2(44)EY
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	GLC-EX-SMD	12.2(52)SE	12.2(52)SE

Catalyst 3750 Metro

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-C3750-24TE-M	GLC-T (1000BASE-T)	—	12.1(14)AX
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM	12.2(46)SE	12.1(14)AX1
	CWDM SFP	12.2(44)SE	12.1(14)AX1
	GLC-BX-D	12.2(44)SE	12.2(25)EY2
	GLC-BX-U		
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(50)SE	12.2(50)SE
	SFP-GE-S	12.2(46)SE	12.2(46)SE
	SFP-GE-L		

[Catalyst 3750 Metro](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-T (10/100/1000)	—	12.2(46)SE
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-EX-SMD	12.2(52)SE	12.2(52)SE

[Cisco ME 3600X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3600X-24FS-M (SFP ports)	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM SFP-GE-T (10/100/1000)	—	12.2(52)EY
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L GLC-BX-U (CPN 10-2094-02) GLC-BX-D (CPN 10-2093-02)	12.2(52)EY	12.2(52)EY
	CWDM SFP DWDM SFP DWDM SFP (add.) GLC-EX-SMD GLC-ZX-SM	15.1(2)EY	15.1(2)EY
ME-3600X-24FS-M ME-3600X-24TS-M (SFP+ ports)	GLC-SX-MM GLC-LH-SM	—	12.2(52)EY
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX80-U-I GLC-BX80-D-I GLC-BX40-DA-I	15.4(03)S	15.4(03)S

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Metro Ethernet Support

[Cisco ME 3600X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(52)EY	12.2(52)EY
ME-3600X-24CX-M	SFP-GE-Z	15.3(1)S	15.3(1)S
	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD GLC-SX-MMD GLC-EX-SMD GLC-LH-SMD GLC-ZX-SMD SFP-GE-L SFP-GE-S GLC-LH-SM GLC-SX-MM GLC-T GLC-TE SFP-GE-T GLC-BX-U GLC-BX-D CWDM SFP DWDM SFP DWDM SFP (add.)	15.2(2)S1	15.2(2)S1

[Cisco ME 3800X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-3800X-24FS-M (client ports)	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM SFP-GE-T (10/100/1000)	—	12.2(52)EY

[Cisco ME 3800X](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(52)EY	12.2(52)EY
ME-3800X-24FS-M (SFP+ ports)	GLC-SX-MM GLC-LH-SM	—	12.2(52)EY
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-ZX-SM SFP-GE-S SFP-GE-L CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(52)EY	12.2(52)EY

[Cisco ME 4600 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME4600-AMX-16GPON	SFP-GPON-B SFP-GPON-B-I SFP-GPON-C SFP-GPON-C-I	3.1.1	3.1.1
ME4600-AMX-48GE	GLC-BX-D GLC-BX-U GLC-2BX-D	3.1.1	3.1.1

Cisco ME 4900 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-4924-10GE	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(31)SGA
	GLC-ZX-SMD GLC-BX-D GLC-BX-U CDWM SFP	12.2(31)SGA	12.2(31)SGA
	DWDM SFP	12.2(37)SG	12.2(37)SG

Cisco ME 6500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ME-C6524GS-8S ME-C6524GT-8S	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CDWM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(18)ZU
	GLC-T (10/100/1000) GLC-TE	—	12.2(33)SXH
	DWDM SFP	—	12.2(18)ZU2

Catalyst 2900 Switches Support

Catalyst 2900 series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release

Catalyst 2900 series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2980G-A	WS-G5483	—	7.2.1
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
WS-C2948G	WS-G5483	—	7.2
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
WS-C2948G-L3	WS-G5483	—	7.2
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
WS-C2948G-GE-TX	GLC-T (1000BASE-T)	—	8.2(1)GLX
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	CWDM SFP		
WS-C2912MF-XL with WS-X2931-XL	WS-G5482	—	12.0(5)XW
	WS-G5483	—	12.0(5)WC3b
	WS-G5484	—	12.0(5)WC3b
WS-C2924M-XL-EN with WS-X2931-XL	WS-G5486	—	12.0(5)WC5
	WS-G5487	—	12.0(5)WC5
	CWDM GBIC	—	12.0(5)WC5
WS-C2924M-XL-EN-DC with WS-X2931-XL	WS-G5483	—	12.0(5)WC3b
	WS-G5484	—	12.0(5)WC3b
	WS-G5486	—	12.0(5)WC3b
WS-C2924M-XL-EN-DC with WS-X2931-XL	WS-G5487	—	12.0(5)WC3b
	CWDM GBIC	—	12.0(5)WC5
	CWDM GBIC	—	12.0(5)WC5

Catalyst 2940 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2940-8TF-S	GLC-T (1000BASE-T)	—	12.1(13)AY
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		

Catalyst 2950 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2950G-12-EI	WS-G5483	—	12.1(6)EA2b
WS-C2950G-24-EI	WS-G5484		
WS-C2950G-24-EI-DC	WS-G5486		
WS-C2950G-48-EI	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2
WS-C2950ST-8 LRE	GLC-T (1000BASE-T)	—	12.1(19)EA1c
WS-C2950ST-24 LRE	GLC-TE (1000BASE-T)		
WS-C2950ST-24 LRE997	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		

Catalyst 2960 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960-24TC-L	GLC-T (1000BASE-T)	—	12.2(25)FX
WS-C2960G-24TC-L	GLC-TE (1000BASE-T)		
WS-C2960-48TC-L	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-24PC-L	GLC-T (1000BASE-T)	—	12.2(44)SE
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-24TC-S	GLC-T (1000BASE-T)	—	12.2(37)EY
WS-C2960-48TC-S	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-8TC-S	GLC-SX-MM	—	12.2(46)SE
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
WS-C2960-48PST-L	GLC-T (1000BASE-T)	—	12.2(46)SE
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		

Catalyst 2960 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960-8TC-L WS-C2960G-8TC-L	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD	—	12.2(35)SE
WS-C2960G-48TC-L	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD	—	12.2(25)SEE
WS-C2960-48PST-S WS-C2960-24PC-S WS-C2960-24LC-S	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(50)SE

Catalyst 2960 Plus Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960+48PST-L WS-C2960+24PC-L WS-C2960+24LC-L WS-C2960+48TC-L WS-C2960+24TC-L	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.0(2)EZ

Catalyst 2960 Plus Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960+48PST-S	GLC-T (1000BASE-T)	—	15.0(2)EZ
WS-C2960+24PC-S	GLC-TE (1000BASE-T)		
WS-C2960+24LC-S	GLC-SX-MM		
WS-C2960+48TC-S	GLC-LH-SM		
WS-C2960+24TC-S	GLC-SX-MMD GLC-LH-SMD		

Catalyst 2960 S Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960S-24TS-S	GLC-T (1000BASE-T)	—	12.2(53)SE1
WS-C2960S-48TS-S	GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SM		
	GLC-EX-SMD ¹	—	12.2(58)SE
WS-C2960S-48FPS-L	GLC-T (1000BASE-T)	—	12.2(53)SE1
WS-C2960S-48LPS-L	GLC-TE (1000BASE-T)		
WS-C2960S-24PS-L	GLC-SX-MM		
WS-C2960S-48TS-L	GLC-LH-SM		
WS-C2960S-24TS-L	GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD		
	GLC-EX-SMD ¹	—	IOS 12.2(58)SE
WS-C2960S-48FPD-L	GLC-SX-MM	—	12.2(53)SE1
WS-C2960S-48LPD-L	GLC-LH-SM		
WS-C2960S-24PD-L	GLC-ZX-SM		
WS-C2960S-48TD-L	GLC-ZX-SMD		
WS-C2960S-24TD-L	GLC-BX-D GLC-BX-U CWDM SFP GLC-SX-MMD GLC-LH-SMD		

¹ CPN 10-2624-01 or later only.

[Catalyst 2960 S Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-EX-SMD ¹	—	IOS 12.2(58)SE

[Catalyst 2960 SF Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
2960S-F48TS-S	GLC-T (1000BASE-T)	—	15.0(2)SE
2960S-F24TS-S	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD ¹		
2960S-F48FPS-L	GLC-T (1000BASE-T)	—	15.0(2)SE
2960S-F48LPS-L	GLC-TE (1000BASE-T)		
2960S-F24PS-L	GLC-SX-MM		
2960S-F48TS-L	GLC-LH-SM		
2960S-F24TS-L	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD ¹		

[Catalyst 2960 C Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960CG-8TC-L	GLC-SX-MM	—	12.2(55)EX1
	GLC-SX-MMD		
	GLC-LH-SM		
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		

Catalyst 2960 C Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-EX-SMD ¹	—	15.0(2)SE
WS-C2960C-8TC-S	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD	—	12.2(55)EX3
WS-C2960C-8TC-L WS-C2960C-8PC-L WS-C2960C-12PC-L	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP	—	12.2(55)EX3
	GLC-EX-SMD ¹	—	15.0(2)SE

Catalyst 2960 X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960X-24TS-LL WS-C2960X-48TS-LL	GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD ¹ GLC-T GLC-TE GLC-LH-SM GLC-SX-MM GLC-GE-100FX	15.0(2)EX	15.0(2)EX
WS-C2960X-24PSQ-L	GLC-BX-D GLC-BX-U GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD ¹ GLC-ZX-SMD GLC-T GLC-TE GLC-ZX-SM GLC-LH-SM GLC-SX-MM	15.0(2)EX	15.0(2)EX

Catalyst 2960 X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960X-24PS-L	GLC-BX-D	15.0(2)EX	15.0(2)EX
WS-C2960X-24TS-L	GLC-BX-U		
WS-C2960X-48TS-L	GLC-LH-SMD		
WS-C2960X-48LPS-L	GLC-SX-MMD		
WS-C2960X-48FPS-L	GLC-EX-SMD ¹		
WS-C2960X-24TD-L	GLC-ZX-SMD		
WS-C2960X-24PD-L	GLC-T		
WS-C2960X-48TD-L	GLC-TE		
WS-C2960X-48LPD-L	GLC-ZX-SM		
WS-C2960X-48FPD-L	GLC-LH-SM		
	GLC-SX-MM		
	CWDM-SFP		
	GLC-GE-100FX		

Catalyst 2960 XR Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2960XR-24TS-I	GLC-BX-D	15.0(2)EX1	15.0(2)EX1
WS-C2960XR-48TS-I	GLC-BX-U		
WS-C2960XR-24PS-I	GLC-LH-SMD		
WS-C2960XR-48LPS-I	GLC-SX-MMD		
WS-C2960XR-48FPS-I	GLC-EX-SMD ¹		
WS-C2960XR-24TD-I	GLC-ZX-SMD		
WS-C2960XR-48TD-I	GLC-T		
WS-C2960XR-24PD-I	GLC-TE		
WS-C2960XR-48LPD-I	GLC-ZX-SM		
WS-C2960XR-48FPD-I	GLC-LH-SM		
	GLC-SX-MM		
	CWDM-SFP		
	GLC-GE-100FX		

[Catalyst 2960 L Series](#)

Network Device	Transceiver Model	Minimum Software Release Required		
		DOM Support	Software Release	
WS-C2960L-8TS-LL	GLC-BX-D	15.2(5)E	15.2(5)E	
WS-C2960L-8PS-LL	GLC-BX-U			
WS-C2960L-16TS-LL	GLC-LH-SMD			
WS-C2960L-16PS-LL	GLC-SX-MMD			
WS-C2960L-24TS-LL	GLC-EX-SMD			
WS-C2960L-24PS-LL	GLC-ZX-SMD			
WS-C2960L-48TS-LL	GLC-T			
WS-C2960L-48PS-LL	GLC-ZX-SM			
WS-C2960L-24TQ-LL	GLC-LH-SM			
WS-C2960L-24PQ-LL	GLC-SX-MM			
WS-C2960L-48TQ-LL	CWDM SFP			
WS-C2960L-48PQ-LL	GLC-TE			15.2(5)E2

[Catalyst 2960 CX Series](#)

Network Device	Transceiver Model	Minimum Software Release Required			
		DOM Support	Software Release		
WS-C2960CX-8TC-L	GLC-BX-D	15.2(3)E	15.2(3)E		
WS-C2960CX-8PC-L	GLC-BX-U				
	GLC-GE-100FX				
	GLC-LH-SMD				
	GLC-SX-MMD				
	GLC-EX-SMD				
	GLC-ZX-SMD				
	GLC-ZX-SM				
	GLC-LH-SM				
	GLC-SX-MM				
	CWDM SFP				
WS-C2960CX-8TC-L	GLC-T (10/100/1000)			15.2(5)E	15.2(5)E
WS-C2960CX-8PC-L	GLC-TE				

[Catalyst 2970 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2970G-24TS-E	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD GLC-SX-MMD GLC-LH-SMD	—	12.1(14)EA1

[Catalyst 2975 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C2975GS-48PS-L	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-ZX-SMD CWDM SFP GLC-SX-MMD GLC-LH-SMD	—	12.2(46)EX

Catalyst 3500 Switches Support

[Catalyst 3500XL series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3508G-XL-EN WS-C3512-XL-EN	WS-G5482	—	12.0(5)XW
WS-C3524-XL-EN WS-C3524-PWR-XL-EN WS-C3548-XL-EN	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	12.0(5)WC3b

[Catalyst 3550 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3550-24-SMI	WS-G5482	—	12.1(6)EA1a
WS-C3550-24-EMI			
WS-C3550-24-DC-SMI	WS-G5483	—	12.1(8)EA1b
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2
WS-C3550-24-FX-SMI	WS-G5482	—	12.1(12c)EA1
WS-C3550-24PWR-SMI	WS-G5483		
WS-C3550-24PWR-EMI	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
	DWDM GBIC	—	12.1(20)EA2
WS-C3550-48-SMI	WS-G5482	—	12.1(8)EA1b
WS-C3550-48-EMI	WS-G5483		
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2
WS-C3550-12G	WS-G5482	—	12.1(6)EA1
WS-C3550-12T			
	WS-G5483	—	12.1(8)EA1b
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(12c)EA1
	DWDM GBIC	—	12.1(20)EA2

Catalyst 3560 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560-24PS WS-C3560-48PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.1(19)EA1c
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(19)EA1c
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3560G-24TS WS-C3560G-48TS WS-C3560G-48PS WS-C3560G-24PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(20)SE3
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(20)SE3
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3560-48TS WS-C3560-24TS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(20)SE3

Catalyst 3560 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(20)SE3
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3560-8PC	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(35)SE
	GLC-ZX-SM GLC-ZX-SMD CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(35)SE
WS-C3560-12PC-S	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(46)SE
	GLC-ZX-SM GLC-ZX-SMD CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(46)SE
WS-C3560V2-24PS WS-C3560V2-24TS WS-C3560V2-48PS WS-C3560V2-48TS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(50)SE

Catalyst 3560 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD SFP-GE-S SFP-GE-L CWDM SFP GLC-BX-D GLC-BX-U DWDM SFP	12.2(50)SE	12.2(50)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

Catalyst 3560 E Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560E-24TD	GLC-T (10/100/1000)	—	12.2(35)SE2
WS-C3560E-24PD	GLC-TE		
WS-C3560E-48TD	GLC-SX-MM		
WS-C3560E-48PD	GLC-LH-SM		
WS-C3560E-48PDF			
With CVR-X2-SFP (for X2 ports)	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(35)SE2
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560E-12D	GLC-T (10/100/1000)	—	12.2(40)EX
With CVR-X2-SFP (for X2 ports)	GLC-TE GLC-SX-MM GLC-LH-SM		

Catalyst 3560 E Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(40)EX
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560E-12SD	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(44)SE
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(44)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560E-12SD With CVR-X2-SFP (for X2 ports)	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(44)SE

Catalyst 3560 E Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.2(44)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

Catalyst 3560 X Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560X-24T WS-C3560X-48T WS-C3560X-24P WS-C3560X-48P WS-C3560X-48PF	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(53)SE
With C3KX-NM-1G and C3KX-NM-10G (slots 1 and 3) network modules	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(53)SE	12.2(53)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3560X-24T WS-C3560X-48T	GLC-SX-MM GLC-LH-SM	—	12.2(53)SE

[Catalyst 3560 X Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560X-24P	GLC-SX-MMD	12.2(53)SE	12.2(53)SE
WS-C3560X-48P	GLC-LH-SMD		
WS-C3560X-48PF	GLC-ZX-SM		
With C3KX-NM-10G (slots 2 and 4) and C3KX-SM-10G network modules	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

Catalyst 3560 CX Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560CX-8PC-S	GLC-BX-D	15.2(3)E	15.2(3)E
WS-C3560CX-8TC-S	GLC-BX-U		
WS-C3560CX-12TC-S	GLC-GE-100FX		
WS-C3560CX-12PC-S	GLC-LH-SMD		
WS-C3560CX-12PD-S	GLC-SX-MMD		
WS-C3560CX-8XPD-S	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-ZX-SM		
	GLC-LH-SM		
	GLC-SX-MM		
	DWDM SFP		
	CWDM SFP		
WS-C3560CX-8PC-S	GLC-T(10/100/1000)	15.2(5)E	15.2(5)E
WS-C3560CX-8TC-S	GLC-TE		
WS-C3560CX-12TC-S			
WS-C3560CX-12PC-S			
WS-C3560CX-12PD-S			
WS-C3560CX-8XPD-S			

Catalyst 3560 C Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560CG-8TC-S	GLC-SX-MM	—	12.2(55)EX
WS-C3560CG-8PC-S	GLC-SX-MMD		
	GLC-LH-SM		
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-EX-SMD ¹	—	15.0(2)SE

Catalyst 3560 C Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3560C-8PC-S WS-C3560C-12PC-S	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP	—	12.2(55)EX3
	GLC-EX-SMD ¹	—	15.0(2)SE

Catalyst 3600 Series Switches Support

Catalyst 3600 Series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3650-24TS WS-C3650-48TS WS-C3650-24PS WS-C3650-48PS WS-C3650-48FS WS-C3650-24TD WS-C3650-48TD WS-C3650-24PD WS-C3650-48PD WS-C3650-48FD WS-C3650-48FQ WS-C3650-48PQ WS-C3650-48TQ	GLC-T (10/100/1000) GLC-LH-SM GLC-LH-SMD GLC-SX-MM GLC-SX-MMD GLC-EX-SMD ¹ GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP		XE 3.3.0SE
	GLC-BX40-D-I GLC-BX40-DA-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I		XE 3.7.1E
	GLC-TE		XE 3.6.7E, XE 3.7.5E
WS-C3650-24PD WS-C3650-24PS	GLC-LH-SM GLC-SX-MM	-	16.1.1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 3600 Series Switches Support

Catalyst 3600 Series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3650-24TD	GLC-T (10/100/1000)		
WS-C3650-24TS	GLC-ZX-SMD		
WS-C3650-48PD	SFP-GE-T		
WS-C3650-48PQ			
WS-C3650-48PS			
WS-C3650-48TD			
WS-C3650-48TQ			
WS-C3650-48TS			
WS-C3650-24PD	CWDM-SFP-xxxx	16.1.1	16.1.1
WS-C3650-24PS	DWDM-SFP-xxxx		
WS-C3650-24TD	GLC-BX40-DA-I		
WS-C3650-24TS	GLC-BX40-D-I		
WS-C3650-48PD	GLC-BX40-U-I		
WS-C3650-48PQ	GLC-BX80-D-I		
WS-C3650-48PS	GLC-BX80-U-I		
WS-C3650-48TD	GLC-BX-D		
WS-C3650-48TQ	GLC-BX-U		
WS-C3650-48TS	GLC-EX-SMD		
	GLC-LH-SMD		
	GLC-SX-MMD		
	GLC-ZX-SM		
	SFP-GE-L		
	SFP-GE-S		
	SFP-GE-Z		
WS-C3650-24PDM	GLC-LH-SMD	16.2.1	16.2.1
WS-C3650-48FQM	GLC-SX-MMD		
WS-C3650-8X24UQ	GLC-EX-SMD ¹		
WS-C3650-12X48UQ	GLC-ZX-SM		
WS-C3650-12X48UR	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-T (10/100/1000)	-	
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SMD		
	SFP-GE-T		
WS-C3650-12X48UQ	GLC-TE (10/100/1000)	-	16.3.5
WS-C3650-12X48UR			

[Catalyst 3600 Series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3650-24PD			
WS-C3650-24PDM			
WS-C3650-24PS			
WS-C3650-24TD			
WS-C3650-24TS			
WS-C3650-48FQM			
WS-C3650-48PD			
WS-C3650-48PQ			
WS-C3650-48PS			
WS-C3650-48TD			
WS-C3650-48TQ			
WS-C3650-48TS			
WS-C3650-8X24PD			
WS-C3650-8X24UQ			

Catalyst 3700 Series Switches Support

[Catalyst 3750 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750G-12S	GLC-T (10/100/1000)	—	12.1.(14)EA1
WS-C3750G-24TS	GLC-TE		
WS-C3750G-48TS	GLC-SX-MM		
WS-C3750G-24PS	GLC-LH-SM		
WS-C3750G-48PS			
	GLC-SX-MMD	12.2(46)SE	12.1(14)EA1
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D	12.2(46)SE	12.2(25)SEB
	GLC-BX-U		
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24TS	GLC-T (10/100/1000)	—	12.1(14)EA1
WS-C3750-48TS	GLC-TE		
	GLC-SX-MM		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 3700 Series Switches Support

Catalyst 3750 series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-LH-SM		
	GLC-SX-MMD GLC-LH-SMD	12.2(46)SE	12.1(14)EA1
	GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(19)EA1c
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24PS WS-C3750-48PS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.1(19)EA1c
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z	12.2(46)SE	12.1(19)EA1c
	GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
WS-C3750-24FS-S	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—	12.2(25)SEB

[Catalyst 3750 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)SEB
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	WS-C3750-24WFS	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM	—
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP GLC-BX-D GLC-BX-U	12.2(46)SE	12.2(25)FZ
	DWDM SFP	12.2(46)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	WS-C3750V2-24PS WS-C3750V2-24TS WS-C3750V2-48PS WS-C3750V2-48TS	GLC-T (10/100/1000) GLC-TE GLC-SX-MM GLC-LH-SM	—

Catalyst 3750 series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750V2-24FS (uplink ports)	GLC-SX-MMD	12.2(50)SE	12.2(50)SE
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		
	GLC-BX-D		
	GLC-BX-U		
	DWDM SFP		
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

Catalyst 3750-E series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750E-24TD	GLC-T (10/100/1000)	—	12.2(35)SE2
WS-C3750E-24PD	GLC-TE		
WS-C3750E-48TD	GLC-SX-MM		
WS-C3750E-48PD	GLC-LH-SM		
WS-C3750E-48PDF			
With CVR-X2-SFP (for X2 ports)	GLC-SX-MMD	12.2(46)SE	12.2(35)SE2
	GLC-LH-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP	12.2(44)SE	12.2(40)SE
	DWDM SFP (add.)	12.2(52)SE	12.2(52)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

[Catalyst 3750-X series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3750X-24T	GLC-T (10/100/1000)	—	12.2(53)SE
WS-C3750X-48T	GLC-TE		
WS-C3750X-24P	GLC-SX-MM		
WS-C3750X-48P	GLC-LH-SM		
WS-C3750X-48PF			
With C3KX-NM-1G and C3KX-NM-10G (slots 1 and 3) network modules	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP DWDM SFP (add.)	12.2(53)SE	12.2(53)SE
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3750X-24T	GLC-SX-MM	—	12.2(53)SE
WS-C3750X-48T	GLC-LH-SM		
WS-C3750X-24P			
WS-C3750X-48P	GLC-SX-MMD	12.2(53)SE	12.2(53)SE
WS-C3750X-48PF	GLC-LH-SMD		
With C3KX-NM-10G (slots 2 and 4) and C3KX-SM-10G network modules	GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP DWDM SFP (add.)		
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3750X-12S	GLC-T (10/100/1000)	—	12.2(55)SE5
WS-C3750X-24S	GLC-TE		
Client ports and uplink ports with C3KX-NM-1G and	GLC-SX-MM GLC-LH-SM		

Catalyst 3800 Series Switches Support

[Catalyst 3750-X series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
C3KX-NM-10G (slots 1 and 3) network modules	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP DWDM SFP (add.)	12.2(55)SE5	12.2(55)SE5
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE
WS-C3750X-12S WS-C3750X-24S Uplink ports with C3KX-NM-10G (slots 2 and 4) and C3KX-SM-10G network modules	GLC-SX-MM GLC-LH-SM	—	12.2(55)SE5
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SM GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP DWDM SFP (add.)	12.2(55)SE5	12.2(55)SE5
	GLC-EX-SMD ¹	12.2(58)SE	12.2(58)SE

Catalyst 3800 Series Switches Support

[Catalyst 3850 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
C3850-NM-4-1G Uplink Module	GLC-T (10/100/1000) GLC-LH-SM		XE 3.2.0SE

Catalyst 3850 series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-12S WS-C3850-24S	GLC-LH-SMD	XE 3.3.3SE	XE 3.3.3SE
	GLC-SX-MM		
	GLC-SX-MMD		
	GLC-EX-SMD ¹		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
GLC-BX40-D-I	XE 3.7.1E	XE 3.7.1E	
GLC-BX40-DA-I			
GLC-BX40-U-I			
GLC-BX80-D-I			
GLC-BX80-U-I			
GLC-TE		XE 3.6.7E, XE 3.7.5E	
WS-C3850-12XS	GLC-T (10/100/1000)	XE 3.7.1E	XE 3.7.1E
WS-C3850-16XS	GLC-LH-SM		
WS-C3850-24XS	GLC-LH-SMD		
WS-C3850-32XS	GLC-SX-MM		
(with C3850-NM-8-10G NM)	GLC-SX-MMD		
	GLC-EX-SMD ¹		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-TE	-	XE 3.7.5E

Catalyst 3800 Series Switches Support

[Catalyst 3850 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-48XS-S	GLC-T (10/100/1000)	XE 3.7.2E	XE 3.7.2E
WS-C3850-48XS-E	GLC-LH-SM		
WS-C3850-48XS-F-S	GLC-LH-SMD		
WS-C3850-48XS-F-E	GLC-SX-MM		
WS-C3850-48XS	GLC-SX-MMD		
	GLC-EX-SMD ¹		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-TE	-	XE 3.7.5E
C3850-NM-1G	GLC-LH-SM	-	16.1.1
C3850-NM-2-10G	GLC-SX-MM		
C3850-NM-4-10G	GLC-T (10/100/1000)		
C3850-NM-8-10G	GLC-ZX-SMD		
WS-C3850-12S	SFP-GE-T		
WS-C3850-12XS			
WS-C3850-24S	CWDM-SFP-xxxx	16.1.1	
WS-C3850-24XS	DWDM-SFP-xxxx		
	GLC-BX40-DA-I		
	GLC-BX40-D-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-BX-D		
	GLC-BX-U		
	GLC-EX-SMD		
	GLC-LH-SMD		
	GLC-SX-MMD		
	GLC-ZX-SM		
	SFP-GE-L		
	SFP-GE-S		
	SFP-GE-Z		

Catalyst 3800 Series Switches Support

[Catalyst 3850 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C3850-48XS	GLC-LH-SM GLC-SX-MM GLC-T (10/100/1000) GLC-ZX-SMD SFP-GE-T	-	16.2.1
	CWDM-SFP-xxxx DWDM-SFP-xxxx GLC-BX40-DA-I GLC-BX40-D-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I GLC-BX-D GLC-BX-U GLC-EX-SMD GLC-LH-SMD GLC-SX-MMD GLC-ZX-SM SFP-GE-L SFP-GE-S SFP-GE-Z	16.2.1	
C3850-NM-1G C3850-NM-2-10G C3850-NM-4-10G C3850-NM-8-10G WS-C3850-12S WS-C3850-12XS WS-C3850-24S WS-C3850-24XS WS-C3850-48XS	GLC-TE (10/100/1000)		16.3.5

Catalyst 9300 Series Switches Support

[Catalyst 9300 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
C9300-24T	GLC-LH-SM		XE 16.5.1a
C9300-24P	GLC-LH-SMD		
C9300-24U	GLC-SX-MM		
C9300-24UX	GLC-SX-MMD		
C9300-48T	GLC-EX-SMD ¹		
C9300-48P	GLC-ZX-SM		
C9300-48U	GLC-ZX-SMD		
(With C9300-NM-8X , or C9300-NM-4G , or C3850-NM-4-1G , or C3850-NM-8-10G for 1G uplink modules)	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-T	-	XE 16.5.1a
	GLC-TE		
C9300-48UXM	GLC-LH-SM	-	XE 16.6.2
(With C9300-NM-8X , or C9300-NM-4G , or C3850-NM-4-1G , or C3850-NM-8-10G for 1G uplink modules)	GLC-LH-SMD		
	GLC-SX-MM		
	GLC-SX-MMD		
	GLC-EX-SMD		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-T		
	GLC-TE		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 9300 Series Switches Support

C9300-NM-4G	GLC-LH-SM	-	16.5.1
C9300-NM-8X	GLC-SX-MM		
	GLC-T (10/100/1000)		
	GLC-TE (10/100/1000)		
	GLC-ZX-SMD		
	SFP-GE-T		
	CWDM-SFP-xxxx	16.5.1	
	DWDM-SFP-xxxx		
	GLC-BX40-DA-I		
	GLC-BX40-D-I		
	GLC-BX40-U-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-BX-D		
	GLC-BX-U		
	GLC-EX-SMD		
	GLC-LH-SMD		
	GLC-SX-MMD		
	GLC-ZX-SM		
	SFP-GE-L		
	SFP-GE-S		
	SFP-GE-Z		

Catalyst 9400 Series Switches Support

[Catalyst 9400 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
C9400-SUP-1	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-LH-SM GLC-SX-MM GLC-ZX-SMD	-	XE 16.6.1
	GLC-ZX-SM GLC-BX-D GLC-BX-U GLC-SX-MMD GLC-LH-SMD CWDM-SFP-xxxx DWDM-SFP-xxxx	XE 16.6.1	
C9400-Sup-1XL	GLC-ZX-SM	XE 16.6.2	XE 16.6.2
C9400-LC-24XS	GLC-BX-D GLC-BX-U GLC-SX-MMD GLC-LH-SMD CWDM-SFP-xxxx DWDM-SFP-xxxx		
	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-LH-SM GLC-SX-MM GLC-ZX-SMD	-	

Catalyst 9500 Series Switches Support

[Catalyst 9500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release

Industrial Ethernet and Smart Grid Support

[Catalyst 9500 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
C9500-NM-8X C9500-40X	GLC-LH-SM GLC-SX-MM GLC-T (10/100/1000) GLC-TE (10/100/1000) GLC-ZX-SMD SFP-GE-T	-	XE 16.6.1
	CWDM-SFP-xxxx DWDM-SFP-xxxx GLC-BX40-DA-I GLC-BX40-D-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I GLC-BX-D GLC-BX-U GLC-EX-SMD GLC-LH-SMD GLC-SX-MMD GLC-ZX-SM SFP-GE-L SFP-GE-S SFP-GE-Z	XE 16.6.1	

Industrial Ethernet and Smart Grid Support

[Cisco IE1000 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Industrial Ethernet and Smart Grid Support

[Cisco IE1000 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
IE-1000-4P2S-LM	GLC-SX-MM-RGD	-	1.3
IE-1000-8P2S-LM	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	GLC-SX-MM*		
	GLC-SX-MMD*		
	GLC-LH-SM*		
	GLC-LH-SMD*		
	GLC-EX-SMD*		
	GLC-BX-D*		
	GLC-BX-U*		
	GLC-BX40-U-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		
	GLC-T*		
	GLC-TE*		

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

[Cisco IE2000 series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
IE-2000-4TS-G-L	GLC-SX-MM-RGD	15.0(1)EY	15.0(1)EY
IE-2000-4TS-G-B	GLC-LX-SM-RGD		
IE-2000-4S-TS-G-L	GLC-ZX-SM-RGD		
IE-2000-4S-TS-G-B	SFP-GE-S*		
IE-2000-8TC-G-L	SFP-GE-L*		
IE-2000-8TC-G-B	SFP-GE-Z*		
IE-2000-8TC-G-E	GLC-ZX-SM*		
IE-2000-8TC-G-N	GLC-SX-MMD*		
IE-2000-16TC-G-L	GLC-LH-SMD*		
IE-2000-16TC-G-E	GLC-EX-SMD*		
IE-2000-16TC-G-X	GLC-ZX-SMD*		
IE-2000-16TC-G-N	GLC-BX-D*		
IE-2000-16PTC-G-L	GLC-BX-U*		
IE-2000-16PTC-G-E	CWDM-SFP-xxxx*		
IE-2000-16PTC-G-NX	DWDM-SFP-xxxx*		
	GLC-SX-MM*	—	15.0(1)EY
	GLC-LH-SM*		
	GLC-T*	—	15.2(1)EY
	GLC-TE*		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Industrial Ethernet and Smart Grid Support

Cisco IE2000 series

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Cisco IE2000U series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE 2000U-4TS-G IE 2000U-8TC-G IE 2000U-16TC-G IE 2000U-16TC-G-X IE 2000U-16TC-GP	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S* SFP-GE-L* SFP-GE-Z* GLC-ZX-SM* GLC-SX-MMD* GLC-LH-SMD* GLC-EX-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*	15.0(2)EK1	15.0(2)EH
	GLC-SX-MM* GLC-LH-SM*	—	15.0(2)EH
	GLC-T* GLC-TE*	—	15.2(4)EA
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA
IE-2000U-4S-G	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S* SFP-GE-L*	15.0(2)EK1	15.0(2)EK1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Industrial Ethernet and Smart Grid Support

[Cisco IE2000U series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-Z* GLC-ZX-SM* GLC-SX-MMD* GLC-LH-SMD* GLC-EX-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*		
	GLC-SX-MM* GLC-LH-SM*	—	15.0(2)EK1
	GLC-T* GLC-TE*	—	15.2(4)EA
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

[Cisco IE3000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-3000-4TC IE-3000-8TC	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S* SFP-GE-L* SFP-GE-Z* GLC-ZX-SM* GLC-SX-MMD* GLC-LH-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*	12.2(44)EX	12.2(44)EX
	GLC-SX-MM* GLC-LH-SM*	—	12.2(44)EX

[Cisco IE3000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-T* GLC-TE*		
	GLC-EX-SMD*	12.2(58)SE1	12.2(58)SE1
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

[Cisco IE3010 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-3010-24TC IE-3010-16S-8PC	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S* SFP-GE-L* SFP-GE-Z* GLC-ZX-SM* GLC-SX-MMD* GLC-LH-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*	12.2(53)EZ	12.2(53)EZ
	GLC-SX-MM* GLC-LH-SM*	—	12.2(53)EZ
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA
	GLC-EX-SMD*	15.0(2)SE	15.0(2)SE
	GLC-T* GLC-TE*	—	Not Supported (Has Combo Ports)

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Industrial Ethernet and Smart Grid Support

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

[Cisco IE4000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-4000-4TC4G-E	GLC-SX-MM-RGD	15.2(2)EA	15.2(2)EA
IE-4000-8T4G-E	GLC-LX-SM-RGD		
IE-4000-8S4G-E	GLC-ZX-SM-RGD		
IE-4000-4T4P4G-E	SFP-GE-S*		
IE-4000-16T4G-E	SFP-GE-L*		
IE-4000-4S8P4G-E	SFP-GE-Z*		
IE-4000-8GT4G-E	GLC-ZX-SM*		
IE-4000-8GS4G-E	GLC-SX-MMD*		
IE-4000-4GC4GP4G-E	GLC-LH-SMD*		
IE-4000-16GT4G-E	GLC-EX-SMD*		
IE-4000-8GT8GP4G-E	GLC-ZX-SMD*		
IE-4000-4GS8GP4G-E	GLC-BX-D*		
	GLC-BX-U*		
	CWDM-SFP-xxxx*		
	DWDM-SFP-xxxx*		
	GLC-SX-MM*	—	15.2(2)EA
	GLC-LH-SM*		
	GLC-T*		
	GLC-TE*		
	GLC-BX40-U-I	15.2(4)EA	15.2(4)EA
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

[Cisco IE4010 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-4010-4S24P	GLC-SX-MM-RGD	15.2(4)EC	15.2(4)EC
IE-4010-16S12P	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S*		
	SFP-GE-L*		
	SFP-GE-Z*		
	GLC-ZX-SM*		
	GLC-SX-MMD*		
	GLC-LH-SMD*		
	GLC-EX-SMD*		
	GLC-ZX-SMD*		
	GLC-BX-D*		
	GLC-BX-U*		
	GLC-BX40-U-I		
	GLC-BX40-D-I		
	GLC-BX40-DA-I		
	GLC-BX80-U-I		
	GLC-BX80-D-I		
	CWDM-SFP-xxxx*		
	DWDM-SFP-xxxx*		
	GLC-SX-MM*	-	
	GLC-LH-SM*		15.2(4)EC
	GLC-T*		
	GLC-TE*		

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

[Cisco IE5000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
IE-5000-12S12P-10G	GLC-SX-MM-RGD	15.2(2)EB	15.2(2)EB
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S*		
	SFP-GE-L*		
	SFP-GE-Z*		
	GLC-ZX-SM*		
	GLC-SX-MMD*		
	GLC-LH-SMD*		
	GLC-EX-SMD*		
	GLC-ZX-SMD*		
	GLC-BX-D*		
	GLC-BX-U*		
	CWDM-SFP-xxxx*		
	DWDM-SFP-xxxx*		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Industrial Ethernet and Smart Grid Support

[Cisco IE5000 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MM* GLC-LH-SM* GLC-T* GLC-TE*	—	15.2(2)EB
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(4)EA1	15.2(4)EA1
IE-5000-16S12P	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S* SFP-GE-L* SFP-GE-Z* GLC-ZX-SM* GLC-SX-MMD* GLC-LH-SMD* GLC-EX-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*	15.2(2)EB1	15.2(2)EB1
	GLC-SX-MM* GLC-LH-SM* GLC-T* GLC-TE*	—	15.2(2)EB1
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(4)EA1	15.2(4)EA1

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Cisco 2500 Connected Grid Switch Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CGS-2520-24TC CGS-2520-16S-8PC	GLC-SX-MM-RGD	12.2(53)EX	12.2(53)EX
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S*		
	SFP-GE-L*		
	SFP-GE-Z*		
	GLC-ZX-SM*		
	GLC-SX-MMD*		
	GLC-LH-SMD*		
	GLC-ZX-SMD*		
	GLC-BX-D*		
	GLC-BX-U*		
	CWDM-SFP-xxxx*		
	DWDM-SFP-xxxx*		
GLC-SX-MM*	—	12.2(53)EX	
GLC-LH-SM*			
GLC-EX-SMD*	12.2(58)EY	12.2(58)EY	
GLC-BX40-U-I	15.2(3)EA	15.2(3)EA	
GLC-BX40-D-I			
GLC-BX40-DA-I			
GLC-BX80-U-I			
GLC-BX80-D-I			
GLC-T*	—	Not Supported(Has Combo Ports)	
GLC-TE*			

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated. Please refer to [table 2](#).

Cisco 2000 Connected Grid Router Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CGR 2010 (Router Onboard Ethernet)	GLC-SX-MM-RGD	15.3(3)M	15.1(1)T
	GLC-LX-SM-RGD		
	GLC-ZX-SM-RGD		
	SFP-GE-S*	15.3(3)M	15.3(3)M
	SFP-GE-L*		
	SFP-GE-Z*		
	GLC-SX-MM*		
	GLC-LH-SM*		
	GLC-ZX-SM*		
	GLC-SX-MMD*		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

Cisco 2000 Connected Grid Router Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-LH-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*		
	GLC-EX-SMD*	15.4(3)M	15.4(3)M
	GLC-T* GLC-TE*	—	Not Supported (Has Combo Ports)
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	—	Not Supported Yet
GRWIC-D-ES-2S-8PC GRWIC-D-ES-6S	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD SFP-GE-S* SFP-GE-L* SFP-GE-Z* GLC-ZX-SM* GLC-SX-MMD* GLC-LH-SMD* GLC-EX-SMD* GLC-ZX-SMD* GLC-BX-D* GLC-BX-U* CWDM-SFP-xxxx* DWDM-SFP-xxxx*	12.2(58)EY	12.2(58)EY
	GLC-SX-MM* GLC-LH-SM*	—	12.2(58)EY
	GLC-T* GLC-TE*	—	15.2(3)EA (Only in G0/2 since G0/1 is Combo Port)
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I	15.2(3)EA	15.2(3)EA

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

Catalyst 4500 Switches Support

[Catalyst 4500 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-X4013	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CDWM GBIC	—	—
WS-X4013+	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CDWM GBIC	—	12.1(19)EW
	DWDM GBIC	12.1(19)EW	12.1(19)EW
WS-X4013+TS	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(20)EWA
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(20)EWA	12.2(20)EWA
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
WS-X4013+10GE	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(25)SG
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(25)SG	12.2(25)SG
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
WS-X4014	WS-G5483	—	12.1(13)EW

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

Catalyst 4500 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-X4232-GB-RJ WS-X4306-GB WS-X4412-2GB-T	WS-G5484 WS-G5486 WS-G5487	—	12.1(8a)EW
	CWDM GBIC	—	12.1(12c)EW
	DWDM GBIC	12.1(19)EW	12.1(19)EW
WS-X4418-GB	WS-G5484 WS-G5486 WS-G5487	—	12.1(8a)EW
	CWDM GBIC	—	12.1(12c)EW
	DWDM GBIC	12.2(19)EW	12.1(19)EW
WS-X4302-GB	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	12.1(19)EW
	DWDM GBIC	12.2(19)EW	12.1(19)EW
WS-X4448-GB-SFP	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(20)EW
	CWDM SFP	12.2(20)EW	12.2(20)EW
	GLC-BX-D GLC-BX-U	12.2(20)EWA	12.2(20)EWA
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	—	12.2(25)EWA 10
WS-X4506-GB-T	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(20)EWA

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

[Catalyst 4500 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(20)EWA	12.2(20)EWA
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
WS-X4515	WS-G5483	—	12.1(13)EW
	WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	12.1(12c)EW
	DWDM GBIC	12.1(19)EW	12.1(19)EW
WS-X4516	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	12.2(18)EW
	DWDM GBIC	12.2(18)EW	12.2(18)EW
WS-X4516-10GE	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(25)EWA
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(25)EWA	12.2(25)EWA
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-ZX-SMD	—	12.2(25)EWA 10
WS-X45-SUP6-E	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD	—	12.2(40)SG

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

[Catalyst 4500 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-LH-SMD		
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(40)SG	12.2(40)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	—	12.2(40)SG
WS-X4606-X2 with CVR-X2-SFP Twin Gig converter	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(40)SG
	GLC-SX-MMD GLC-LH-SMD	3.7.2E	12.2(40)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(40)SG	12.2(40)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	3.7.2E	12.2(40)SG
WS-X4624-SFP-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(44)SG
	GLC-SX-MMD GLC-LH-SMD	3.7.2E	12.2(44)SG

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

Catalyst 4500 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(44)SG	12.2(44)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	3.7.2E	12.2(44)SG1
WS-X45-SUP6L-E with CVR-X2-SFP Twin Gig converter	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(52)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(52)SG	12.2(52)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-EX-SMD	15.1(1)SG	15.1(1)SG
WS-X4612-SFP-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(54)SG
	GLC-SX-MMD GLC-LH-SMD	3.7.2E	12.2(54)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	12.2(54)SG	12.2(54)SG
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

Catalyst 4500 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-ZX-SMD	3.7.2E	12.2(44)SG1
WS-X4640-CSFP-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	15.0(2)SG
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	3.7.2E	15.0(2)SG
	GLC-BX-D GLC-2BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	15.0(2)SG	15.0(2)SG
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
WS-X4712-SFP+E WS-X45-SUP7-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	3.1.0SG
	GLC-SX-MMD GLC-LH-SMD	3.7.2E	3.1.0SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.1.0SG	3.1.0SG
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹	3.4.1SG	3.4.1SG
	GLC-ZX-SMD	3.7.2E	3.4.1SG

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

[Catalyst 4500 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-X45-SUP7L-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	3.2.0XO
	GLC-SX-MMD GLC-LH-SMD	3.7.2E	3.2.0XO
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.2.0XO	3.2.0XO
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹	3.4.1SG	3.4.1SG
	GLC-ZX-SMD	3.7.2E	3.4.1SG
	WS-X45-SUP8-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—
GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD		3.7.2E	3.3.0XO
GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I		3.0.8E	3.8.0E

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

*When using non-rugged/not industrial –rated transceivers, the hardened platform temperature range is de-rated.

Catalyst 4500 Switches Support

Catalyst 4500 series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.) GLC-EX-SMD ¹	3.3.0XO	3.3.0XO
WS-X45-SUP8L-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP GLC-EX-SMD ¹	3.8.1E	3.8.1E
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.1E	3.8.1E
WS-X4748-SFP-E WS-X4724-SFP-E WS-X4712-SFP-E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-EX-SMD GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP SFP-GE-S SFP-GE-L SFP-GE-Z DWDM SFP	15.2(1)E	15.2(1)E
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	3.7.2E	15.2(1)E

Catalyst 4500-E Series Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-X45-SUP9-E	GLC-SX-MM	3.10 XE	3.10 XE
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX40-D-I		
	GLC-BX80-D-I		
	GLC-BX40-U-I		
	GLC-BX80-U-I		
	GLC-BX40-DA-I		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-T		
GLC-TE			

Catalyst 4500-X Series Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C4500X-32SFP+ WS-C4500X-F-32SFP+ WS-C4500X-40X-ES C4KX-NM-8SFP+	GLC-SX-MM	—	3.3.0SG
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-T	-	3.7.1E
	GLC-TE		3.8.4E
			3.10.0E
	GLC-SX-MMD	3.7.2E	3.3.0SG
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D	3.3.0SG	3.3.0SG
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4900 Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹ (CPN 10-2624-01 or later only)	3.4.1SG	3.4.1SG
WS-C4500X-16SFP+ WS-C4500X-F-16SFP+ WS-C4500X-24X-ES	GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	3.3.1SG
	GLC-T GLC-TE	-	3.7.1E 3.8.4E 3.10.0E
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	3.7.2E	3.3.1SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	3.3.1SG	3.3.1SG
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	3.8.0E	3.8.0E
	GLC-EX-SMD ¹	3.4.1SG	3.4.1SG

Catalyst 4900 Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C4912G	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	—

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 4900 Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-C4948	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(20)EWA
	GLC-BX-D GLC-BX-U CWDM SFP	12.2(20)EWA	12.2(20)EWA
	DWDM SFP	12.2(37)SG	12.2(37)SG
	DWDM (add.)	12.2(53)SG3	12.2(53)SG3
WS-4928-10GE	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(46)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(46)SG	12.2(46)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
WS-C4948E(-F)	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(54)SG
	GLC-SX-MMD GLC-LH-SMD	15.2(3)E2	12.2(54)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(54)SG	12.2(54)SG
	DWDM SFP (add.) GLC-EX-SMD ¹	12.2(53)SG3	12.2(53)SG3

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	15.2(4)E	15.2(4)E
	GLC-ZX-SMD	15.2(3)E2	12.2(53)SG3
WS-X4908 with CVR-X2-SFP Twin Gig converter in a WS-C4900M	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	12.2(40)XO or 12.2(44)SG
	GLC-SX-MMD GLC-LH-SMD	15.2(3)E2	12.2(40)XO or 12.2(44)SG
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(40)X0 or 12.2(44)SG	12.2(40)X0 or 12.2(44)SG
	DWDM SFP (add.)	12.2(53)SG3	12.2(53)SG3
	GLC-BX40-D-I GLC-BX80-D-I GLC-BX40-U-I GLC-BX80-U-I GLC-BX40-DA-I	15.2(4)E	15.2(4)E
	GLC-EX-SMD ¹	15.1(1)SG	15.1(1)SG
	GLC-ZX-SMD	15.2(3)E2	12.2(40)XO

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-X6K-SUP1-2GE WS-X6K-SUP1A-2GE	WS-G5483	—	12.1(13)E
WS-X6K-SUP1A-MSFC WS-X6K-SUP1A-MSFC2 WS-X6K-SUP1A-PFC	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes for details
WS-X6K-SUP2U-MSFC2 WS-X6K-S2-PFC2	CWDM GBIC	—	12.1(13)E
WS-X6K-SUP2-MSFC2	WS-G5483	—	12.1(13)E

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-X6K-SUP2U-PFC2 WS-X6408-GBIC WS-X6408A-GBIC WS-X6416-GBIC WS-X6516-GBIC WS-X6816-GBIC	WS-G5484	—	Please see release notes for details
	WS-G5486		
	WS-G5487		
	CWDM GBIC	—	12.1(13)E
	DWDM GBIC	—	12.2(17a)SX
	WS-X6516A-GBIC	WS-G5483	—
WS-G5484		—	Please see release notes for details
WS-G5486			
WS-G5487			
CWDM GBIC		—	12.1(19)E1
DWDM GBIC	—	12.2(17a)SX	
WS-SUP720	GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	12.2(17a)SX
	GLC-SX-MM	—	12.2(14)SX
	GLC-LH-SM	—	12.2(14)SX
	GLC-ZX-SM	—	12.2(17a)SX
	GLC-BX-D	—	12.2(17d)SXB1
	GLC-BX-U	12.2(18)SXE1	12.2(18)SXE1
	CWDM SFP	12.2(18)SXE1	12.2(18)SXE1
	DWDM SFP ²	12.2(18)SXE	12.2(17a)SX
	GLC-SX-MMD	12.2(33)SXH	15.1(3)S
	GLC-LH-SMD	—	15.1(3)S
	GLC-EX-SMD	—	15.2(1)S
	GLC-ZX-SMD	—	15.2(1)S
	GLC-TE	—	15.1(3)S
WS-SUP720-3B WS-SUP720-3BXL	GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	12.2(17d)SXB1
	GLC-SX-MM	—	12.2(14)SX

² Does not include support for the DWDM SFP transceivers (8 additional wavelengths). See Gigabit Ethernet Transceiver Models for specific model numbers.

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-LH-SM	—	12.2(17d)SXB1
	GLC-ZX-SM	—	12.2(17d)SXB1
	GLC-BX-D	—	12.2(17d)SXB1
	GLC-BX-U	12.2(18)SXE1	12.2(18)SXE1
	CWDM SFP	12.2(18)SXE1	12.2(18)SXE1
	DWDM SFP ²	12.2(18)SXE1	12.2(17d)SXB1
	GLC-SX-MMD	—	15.1(3)S
	GLC-LH-SMD	—	15.1(3)S
	GLC-EX-SMD	—	15.2(1)S
	GLC-ZX-SMD	—	15.2(1)S
	GLC-TE	—	15.1(3)S
WS-SUP32-GE-3B WS-SUP32-10GE-3B	GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	12.2(18)SXF
	GLC-SX-MM	—	12.2(14)SX
	GLC-LH-SM	—	12.2(18)SXF
	GLC-ZX-SM	—	12.2(18)SXF
	GLC-BX-D	—	12.2(18)SXF
	GLC-BX-U	12.2(18)SXF	12.2(18)SXF
	CWDM SFP	12.2(18)SXF	12.2(18)SXF
	DWDM SFP ²	12.2(18)SXF	12.2(18)SXF
	GLC-SX-MMD	12.2(33)SXH	12.2(33)SXH
	GLC-LH-SMD	—	12.2(18)SXF
	GLC-ZX-SMD	—	12.2(18)SXF

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-SUP32-GE-PISA	GLC-T (1000BASE-T)	—	12.2(18)ZY
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP ²		
	GLC-SX-MMD		
	GLC-LH-SMD		
GLC-ZX-SMD			
VS-S720-10G-3C VS-S720-10G-3CXL	GLC-T (1000BASE-T)	—	12.2(33)SXH
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-U	12.2(33)SXH	
	CWDM SFP		
	DWDM SFP ²		
GLC-SX-MMD			
WS-X6724-SFP WS-X6748-SFP	GLC-T (1000BASE-T)	—	12.2(17a)SX
	GLC-TE (1000BASE-T)		
	DWDM SFP ²		
	GLC-SX-MM		12.2(14)SX
	GLC-LH-SM		
	GLC-ZX-SM		12.2(17a)SX
	GLC-BX-D		12.2(17d)SXB1
	GLC-BX-U		12.2(18)SXE1
	CWDM SFP		
	GLC-SX-MMD		15.1(2)S
	GLC-LH-SMD		15.1(2)S
GLC-EX-SMD		15.1(2)S	
GLC-ZX-SMD		15.1(2)S	
GLC-TE		15.1(2)S	

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
VS-S2T-10G VS-S2T-10G-XL WS-X6824-SFP-2T WS-X6824-SFP-2TXL WS-X6848-SFP-2T WS-X6848-SFP-2TXL	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM-SFP DWDM-SFP ² GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(50)SY
WS-X6904-40G-2T WS-X6904-40G-2TXL	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM-SFP DWDM-SFP ² GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.1(1)SY
C6800-SUP6T C6800-SUP6T-XL	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D CWDM-SFP DWDM-SFP	—	15.3(1)SY
Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-X6K-SUP1-2GE WS-X6K-SUP1A-2GE	WS-G5483	—	7.2
WS-X6K-SUP1A-MSFC WS-X6K-SUP1A-MSFC2 WS-X6K-SUP1A-PFC WS-X6K-SUP2U-MSFC2	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes for details
WS-X6K-S2-PFC2	CWDM GBIC	—	7.2

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
WS-X6K-SUP2-MSFC2 WS-X6K-SUP2U-PFC2	WS-G5483	—	7.2
WS-X6408-GBIC WS-X6408A-GBIC WS-X6416-GBIC WS-X6516-GBIC WS-X6816-GBIC	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes for details
	CWDM GBIC	—	7.2
	DWDM GBIC	—	8.3.1
WS-X6516A-GBIC	WS-G5483	—	7.5.1
	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes for details
	CWDM GBIC	—	7.5.1
	DWDM GBIC	—	8.3.1
WS-SUP720	GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	8.3.1
	GLC-SX-MM	—	8.1(1)
	GLC-LH-SM	—	8.1.1
	GLC-ZX-SM	—	8.1.1
	GLC-BX-D	—	8.2
	GLC-BX-U	—	8.4.1
	CWDM SFP	—	8.4.1
	DWDM SFP ³	—	8.3.1
WS-SUP720-3B WS-SUP720-3BXL	GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	8.3.2
	GLC-SX-MM	—	8.1(1)
	GLC-LH-SM	—	8.3.2
	GLC-ZX-SM	—	8.3.2
	GLC-BX-D	—	8.3.2
	GLC-BX-U	—	8.4.1

³ Does not include support for the DWDM SFP transceivers (8 additional wavelengths). See Gigabit Ethernet Transceiver Models for specific model numbers.

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6500 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
	CWDM SFP	—	8.4.1
	DWDM SFP ²	—	8.3.2
WS-SUP32-GE-3B WS-SUP32-10GE-3B	GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	8.4(1)
	GLC-SX-MM	—	8.1(1)
	GLC-LH-SM	—	8.4(1)
	GLC-ZX-SM	—	8.4(1)
	GLC-BX-D	—	8.4(1)
	GLC-BX-U	—	8.4(1)
	CWDM SFP	—	8.4(1)
	DWDM SFP ²	—	8.4(1)
WS-X6724-SFP WS-X6748-SFP	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) DWDM SFP ²	—	8.3.1
	GLC-SX-MM GLC-LH-SM		8.1.1
	GLC-ZX-SM		8.1.1
	GLC-BX-D		8.2
	GLC-BX-U CWDM SFP		8.4.1

Catalyst 6800 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
C6800IA-48FPD C6800IA-48TD	GLC-BX-D GLC-BX-U GLC-LH-SMD GLC-SX-MMD GLC-T GLC-TE GLC-SX-MM	15.1(2)SY2	15.1(2)SY2
	GLC-EX-SMD GLC-ZX-SMD GLC-ZX-SM GLC-LH-SM SLC-SX-MM DWDM-SFP CWDM-SFP	15.2(1)SY	15.2(1)SY
C6800IA-48FPDR	GLC-BX-D GLC-BX-U GLC-LH-SMD GLC-SX-MMD GLC-T GLC-TE GLC-SX-MM	15.1(2)SY3	15.1(2)SY3
	GLC-EX-SMD GLC-ZX-SMD GLC-ZX-SM GLC-LH-SM SLC-SX-MM DWDM-SFP CWDM-SFP	15.2(1)SY	15.2(1)SY
C6880-X	GLC-LH-SMD GLC-SX-MMD GLC-EX-SMD GLC-ZX-SMD GLC-T GLC-TE GLC-ZX-SM GLC-LH-SM GLC-SX-MM GLC-BX-D GLC-BX-U CWDM-SFP DWDM SFP	15.1(2)SY1	15.1(2)SY1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Catalyst 6800 Series Switches Support

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
C6800-32P10G(-XL)	GLC-LH-SMD	15.2(1)SY	15.2(1)SY
C6800-16P10G(-XL)	GLC-SX-MMD		
C6800-8P10G(-XL)	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-T		
	GLC-TE		
	GLC-ZX-SM		
	GLC-LH-SM		
	GLC-SX-MM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP		
	DWDM-SFP		
C6800-48P-SFP	GLC-T (1000BASE-T)	—	15.2(1)SY
C6800-48P-SFP-XL	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP		
	DWDM-SFP2		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
C6816-X-LE	GLC-LH-SMD	15.2(2)SY	15.2(2)SY
C6824-X-LE-40G	GLC-SX-MMD		
C6832-X-LE	GLC-EX-SMD		
C6840-X-LE-40G	GLC-ZX-SMD		
	GLC-T		
	GLC-TE		
	GLC-BX-D		
	GLC-BX-U		
	DWDM-SFP		
C6800-SUP6T	GLC-T	15.3(1)SY	15.3(1)SY
C6800-SUP6T-XL	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX-U		
	GLC-BX-D		
	CWDM-SFP		
	DWDM-SFP		

Data Center and Blade Switching Support

[Cisco Catalyst 2350 Series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM support	Software Release
2350-48TD-S 2350-48TD-SD (with CVR-X2-SFP TwinGig converter)	GLC-T GLC-TE GLC-SX-MM GLC-SX-MMD	—	Cisco IOS 12.2(46)EY

[Cisco Catalyst 2360 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
2360-48TD-S	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(53)EY

[Cisco Catalyst 3000 and 3100 Blade Switches](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CBS3020-HPQ	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(35)SE
WS-CBS3030-DEL WS-CBS3040-FSC	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-SX-MMD	—	Cisco IOS 12.2(35)SE
WS-CBS-3120G-S WS-CBS-3130G-S (with CVR-X2-SFP TwinGig converter)	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(40)EX1

[Cisco Catalyst 3000 and 3100 Blade Switches](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
WS-CBS3032-DEL (with CVR-X2-SFP TwinGig converter)	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(40)EX1
WS-CBS3110X-S (with CVR-X2-SFP TwinGig converter)	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	Cisco IOS 12.2(52)SE

[Cisco Nexus 2000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N2K-C2232PP-10GE	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	NX-OS 4.2(1)N2(1)
N2K-C2348UPQ	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	-	NX-OS 7.0(3)N1(1)

[Cisco Nexus 3000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3064PQ-10GX (Native SFP+ ports)	GLC-SX-MMD GLC-LH-SMD	NX-OS 5.0(3)U3(1)	NX-OS 5.0(3)U3(1)

Cisco Nexus 3000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MM GLC-LH-SM GLC-T SFP-GE-T	-	
	GLC-BX-U GLC-BX-D		NX-OS 5.0(3)U5(1)
	GLC-EX-SMD GLC-ZX-SMD		NX-OS 6.0(2)U1(a)
	GLC-TE		NX-OS 6.0(2)U3(1)
N3K-C3064PQ-10GE (Native SFP+ ports)	GLC-SX-MMD GLC-LH-SMD	NX-OS 5.0(3)U1(2)	NX-OS 5.0(3)U1(2)
	GLC-T SFP-GE-T GLC-SX-MM GLC-LH-SM	-	
	GLC-BX-U GLC-BX-D		NX-OS 5.0(3)U5(1)
	GLC-EX-SMD GLC-ZX-SMD		NX-OS 6.0(2)U1(a)
	GLC-TE		NX-OS 6.0(2)U3(1)
N3K-C3064PQ-10GX N3K-C3064PQ-10GE	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T w/ SFP-GE-T w/ GLC-TE	—	NX-OS 6.0(2)U3(1)
N3K-C3048TP-1GE	GLC-T SFP-GE-T	—	NX-OS 5.0(3)U2(2b)
	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	NX-OS 5.0(3)U2(2b)	
	GLC-BX-U	—	NX-OS 5.0(3)U5(1)

Cisco Nexus 3000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D		
	GLC-EX-SMD GLC-ZX-SMD	—	NX-OS 6.0(2)U1(a)
	GLC-TE	—	NX-OS 6.0(2)U3(1)

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3132Q-40GE (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T	-	NX-OS 6.0(2)U4(1)
	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D		NX-OS 6.0(2)U4(1)
N3K-C3132Q-40GE	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T w/ GLC-TE w/ SFP-GE-T	-	NX-OS 6.0(2)U3(1)
	w/ GLC-SX-MMD w/ GLC-LH-SMD		NX-OS 6.0(2)U3(1)
N3K-C3132Q-40GX (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T	-	NX-OS 6.0(2)U4(1)
	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D		NX-OS 6.0(2)U4(1)

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3132Q-40GX	(QSFP ports with QSA: CVR-QSFP-SFP10G) - w/ GLC-T w/ GLC-TE w/ SFP-GE-T		NX-OS 6.0(2)U4(1)
	w/ GLC-SX-MMD w/ GLC-LH-SMD	NX-OS 6.0(2)U4(1)	
N3K-C3132Q-XL (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T	-	NXOS 7.0(3)I2(2)
	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	NXOS 7.0(3)I2(2)	
N3K-C3132Q-XL	(QSFP ports with QSA: CVR-QSFP-SFP10G) - w/ GLC-T w/ GLC-TE w/ SFP-GE-T		NXOS 7.0(3)I2(2)
	w/ GLC-SX-MMD w/ GLC-LH-SMD	NXOS 7.0(3)I2(2)	
N3K-C3132Q-V (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T	-	NX-OS 7.0(3)I4(1)
	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	NX-OS 7.0(3)I4(1)	
N3K-C3132Q-V	(QSFP ports with QSA: CVR-QSFP-SFP10G) - w/ GLC-T w/ GLC-TE w/ SFP-GE-T		NX-OS 7.0(3)I4(1)

Cisco Nexus 3100 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	w/ GLC-SX-MMD w/ GLC-LH-SMD	NX-OS 7.0(3)I4(1)	
N3K-C3172PQ-10GE (Native SFP+ ports)	GLC-T SFP-GE-T GLC-TE	-	NX-OS 6.0(2)U3(1)
	GLC-SX-MMD	NX-OS 6.0(2)U3(1)	
	GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D		NX-OS 6.0(2)U4(1)
N3K-C3172PQ-10GE	(QSFP ports with QSA: CVR-QSFP-SFP10G) GLC-T SFP-GE-T	-	NX-OS 6.0(2)U3(1)
	GLC-TE	-	NX-OS 7.0(3)I2(1a)
	GLC-SX-MMD GLC-LH-SMD	NX-OS 7.0(3)I2(1a)	
N3K-C3172TQ-10GT	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T	-	NX-OS 6.0(2)U3(1)
	w/ GLC-TE w/ SFP-GE-T	-	NX-OS 7.0(3)I2(1a)
	w/ GLC-SX-MMD w/ GLC-LH-SMD	NX-OS 7.0(3)I2(1a)	
N3K-C3172PQ-XL (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T	-	NXOS 7.0(3)I2(2)
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	NXOS 7.0(3)I2(2)	
N3K-C3172PQ-XL N3K-C3172TQ-XL	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T w/ GLC-TE	-	NXOS 7.0(3)I2(2)

[Cisco Nexus 3100 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	w/ SFP-GE-T		
	w/ GLC-SX-MMD w/ GLC-LH-SMD	NXOS 7.0(3)I2(2)	
N3K-C31108PC-V (Native SFP+ ports)	GLC-T GLC-TE SFP-GE-T	-	NXOS 7.0(3)I4(1)
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	NXOS 7.0(3)I4(1)	
N3K-C31128PQ-10GE (Native SFP+ ports)	SFP-GE-T	-	NX-OS 7.0(3)I2(1a)
	GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-U GLC-BX-D	NX-OS 7.0(3)I2(1a)	
	GLC-T GLC-TE	-	NX-OS 7.0(3)I4(1)
	GLC-LH-SMD	NX-OS 7.0(3)I4(1)	

[Cisco Nexus 3200 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3264Q N3K-C3232C (Native SFP+ Ports)	GLC-SX-MMD GLC-LH-SMD	NX-OS 7.0(3)IX1(2)	NX-OS 7.0(3)IX1(2)

Cisco Nexus 3200 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MM GLC-LH-SM GLC-T SFP-GE-T	-	
	GLC-TE GLC-EX-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U		NX-OS 7.0(3)I4(1)
N3K-C3232C	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T w/ GLC-TE		NX-OS 7.0(3)I5(1)
	(QSFP ports with SLIC adapter) w/ GLC-T w/ GLC-TE w/ GLC-SX-MM* w/ GLC-SX-MMD* w/ GLC-LH-SM* w/ GLC-LH-SMD*		NX-OS 7.0(3)I4(1)

* Up to 4 per SLIC adapter, up to 32 per switch through SLIC adapter

Cisco Nexus 3500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C3548P-10G N3K-C3524P-10G	GLC-SX-MM GLC-SX-MMD GLC-LH-SM GLC-LH-SMD	NX-OS 5.0(3)A1(1)	NX-OS 5.0(3)A1(1)
	GLC-T	-	NX-OS 6.0(2)A1(1)
	GLC-TE		NX-OS 6.0(2)A3(1)
	GLC-EX-SMD GLC-ZX-SMD	NX-OS 6.0(2)A3(1)	
N3K-C3548P-10GX N3K-C3524P-10GX	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD	NX-OS 6.0(2)A6(1)	NX-OS 6.0(2)A6(1)

[Cisco Nexus 3500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MM GLC-LH-SM GLC-T GLC-TE	-	

[Cisco Nexus 3600 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N3K-C36180YC-R	GLC-SX-MMD GLC-LH-SMD	NX-7.0(3)F3(1)	NX-7.0(3)F3(1)
	GLC-TE	-	

[Cisco Nexus 4000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N4K-4001I-XPX	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-SX-MMD GLC-LH-SMD	—	NX-OS 4.1(2)E1(1)

[Cisco Nexus 5000 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N5K-C5010P-BF N5K-C5020P-BF	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM SFP-GE-T (1000BASE-T)	—	NX-OS 4.0(1a)N1(1)

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Support

Cisco Nexus 5000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-S SFP-GE-L GLC-SX-MMD GLC-LH-SMD	NX-OS 4.0(1a)N1(1)	NX-OS 4.0(1a)N1(1)
N5K-C5548P-FA N5K-C5548UP-FA N5KC5596UP-FA N55-M16P N55-M8P8FP N55-M16UP	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM SFP-GE-T (1000BASE-T)	—	NX-OS 4.0(1a)N1(1)
	DS-CWDM4G1470 DS-CWDM4G1490 DS-CWDM4G1510 DS-CWDM4G1530	—	NX-OS 5.0(3)N1(1B)
	SFP-GE-S SFP-GE-L GLC-SX-MMD GLC-LH-SMD	NX-OS 5.0(3)N1(1B)	NX-OS 5.1(3)N2
N5K-5672UP N5K-56128P N5K-5672UP-16G	GLC-TE	NX-OS 7.0(1) N1 (1)	NX-OS 7.0(1) N1 (1)

Cisco Unified Computing System

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N10-S6100 N10-S6200 N10-E0440 N10-E0600 N20-I6584	SFP-GE-S SFP-GE-L GLC-SX-MMD GLC-LH-SMD	UCS Manager v1.3	NX-OS 5.0(3)N1(1B)
	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T (1000BASE-T)	—	UCS Manager v1.3
UCS-FI-6248UP UCS-FI-E16UP UCS-IOM-2208XP	SFP-GE-S SFP-GE-L GLC-SX-MMD GLC-LH-SMD	UCS Manager v2.0(1)	UCS Manager v1.3

Cisco Unified Computing System

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T (1000BASE-T)	—	UCS Manager v2.0(1)

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N7K-M148GS-11	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z	NX-OS 4.1(2)	UCS Manager v2.0(1) NX-OS 4.1(2)
	GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	
	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T (1000BASE-T) CWDM SFP	—	NX-OS 4.2(1)
	DWDM SFP	NX-OS 4.2(1)	
	GLC-BX-D GLC-BX-U	NX-OS 5.2(1)	NX-OS 5.2(1)
	GLC-EX-SMD GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 5.2(1)
N7K-M148GS-11L	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z CWDM SFP DWDM SFP	NX-OS 5.0(2a)	NX-OS 6.2(2) NX-OS 5.0(2a)

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-T (1000BASE-T) GLC-TE(1000BASE-T) SFP-GE-T (1000BASE-T)	—	
	GLC-BX-D GLC-BX-U	NX-OS 5.2(1)	NX-OS 5.2(1)
	GLC-EX-SMD GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 5.2(1)
N7K-F132XP-15	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z	NX-OS 5.1(1)	NX-OS 6.2(2) NX-OS 5.1(1)
	GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T (1000BASE-T)	—	
	GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 6.2(2)
N77-F248XP-23E	SFP-GE-T GLC-LH-SM GLC-LH-SMD GLC-SX-MM GLC-SX-MMD GLC-ZX-SM GLC-ZX-SMD GLC-T GLC-BX-D GLC-BX-U GLC-EX-SMD CWDM-SFP-xxxx DWDM-SFP-xxxx	—	6.2(2)
	SFP-GE-S SFP-GE-L SFP-GE-Z	6.2(2)	
	GLC-TE	—	6.2(10)

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N7K-F248XP-25	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	NX-OS 6.2(2)
	GLC-SX-MMD SFP-GE-S GLC-LH-SMD SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	NX-OS 6.0(1)	NX-OS 6.0(1)
	GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 6.0
N7K-F248XP-25E	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T(1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM	—	NX-OS 6.2(2)
	GLC-SX-MMD SFP-GE-S GLC-LH-SMD SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP		NX-OS 6.1(2)
	GLC-ZX-SMD	NX-OS 6.2(2)	NX-OS 6.1(2)
N7K-F348XP-25	GLC-SX-MM SFP-GE-S GLC-SX-MMD GLC-LH-SM SFP-GE-L GLC-LH-SMD GLC-EX-SMD GLC-ZX-SM SFP-GE-Z GLC-ZX-SMD GLC-BX-D GLC-BX-U	-	NX-OS 6.2(12)

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Support

Cisco Nexus 7000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	CWDM SFP DWDM SFP		
	GLC-T SFP-GE-T	—	NX-OS 6.2(12)
	GLC-TE	—	NX-OS 6.2(12)
N7K-M348XP-25L	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-BX-D GLC-BX-U GLC-ZX-SMD CWDM SFP-xxxx DWDM SFP-xxxx	NX-OS 8.0(1)	NX-OS 8.0(1)
	GLC-TE	-	

Cisco Nexus 7700 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N77-F348XP-23	GLC-SX-MM SFP-GE-S GLC-SX-MMD GLC-LH-SM SFP-GE-L GLC-LH-SMD GLC-EX-SMD GLC-ZX-SM SFP-GE-Z GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP GLC-T SFP-GE-T	-	NX-OS 6.2(8)
	GLC-TE	—	NX-OS 6.2(10)

[Cisco Nexus 7700 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N77-M348XP-23L	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U CWDM SFP-xxxx DWDM SFP-xxxx	NX-OS 7.3(0)DX(1)	NX-OS 7.3(0)DX(1)
	GLC-TE	-	

[Cisco Nexus 9000 Series](#) (Modular 9500) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-X97160YC-EX	GLC-SX-MMD GLC-LH-SMD	-	7.0(3)I5(2)
	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD GLC-BX40-D-I GLC-BX40-U-I GLC-BX40-DA-I	—	7.0(3)I5(2)
N9K-X9564PX	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	NX-OS 6.1(2)I2(1)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I2(1)	6.1(2)I2(1)
	SFP-GE-T	—	6.1(2)I2(1)

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Support

Cisco Nexus 9000 Series (Modular 9500) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I1(2)
	GLC-BX40-DA-I		7.0(3)I5(2)
N9K-X9464PX	GLC-SX-MM GLC-LH-SM GLC-T (1000BASE-T) GLC-TE (1000BASE-T)	—	6.1(2)I2(2a)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I2(2a)	6.1(2)I2(2a)
	SFP-GE-T	—	6.1(2)I3(1)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I1(2)
	GLC-BX40-DA-I		7.0(3)I5(2)

Cisco Nexus 9000 Series (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C9396PX	GLC-SX-MM GLC-T (1000BASE-T)	—	6.1(2)I2(1)

[Cisco Nexus 9000 Series](#) (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-TE (1000BASE-T)		
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I2(1)	6.1(2)I2(1)
	SFP-GE-T	—	6.1(2)I3(1)
	GLC-LH-SM	—	6.1(2)I3(3a)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I3(2)
	GLC-BX40-DA-I		7.0(3)I5(2)
N9K-C9372PX	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T	—	6.1(2)I3(1)
	GLC-SX-MMD GLC-LH-SMD	6.1(2)I3(1)	6.1(2)I3(1)
	GLC-LH-SM	—	6.1(2)I3(3a)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I1(2)

[Cisco Nexus 9000 Series](#) (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX40-DA-I		7.0(3)I5(2)
N9K-C9372PX-E	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T GLC-LH-SM GLC-BX40-D-I GLC-BX40-U-I	—	7.0(3)I2(1)
	GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-BX80-D-I GLC-BX80-U-I SFP-1000BX-10-U SFP-1000BX-10-D GLC-EX-SMD	—	7.0(3)I3(1)
	GLC-SX-MMD GLC-LH-SMD	7.0(3)I2(1)	7.0(3)I2(1)
	GLC-BX40-DA-I		7.0(3)I5(2)
N9K-C93180YC-EX	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T GLC-LH-SM GLC-ZX-SMD GLC-BX-U GLC-BX-D	—	NX-OS 703I4.2
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD	NX-OS 703I4.2	NX-OS 703I4.2
	GLC-T (100BASE-T) GLC-TE (100BASE-T)	-	7.0(3)I6(1)
N9K-C9348GC-FXP (NX-OS Mode)	(Supported on ports 49 through 52) GLC-T GLC-TE GLC-SX-MMD GLC-LH-SMD	-	NXOS-703I7.1
N9K-C93180YC-FX (NX-OS Mode)	GLC-SX-MM GLC-T (1000BASE-T)	-	NXOS-703I7.1

Cisco Nexus 9000 Series (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-TE (1000BASE-T) SFP-GE-T GLC-LH-SM GLC-ZX-SMD GLC-BX-U GLC-BX-D GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD		
N9K-C9364C (NX-OS Mode)	(Supported on ports 65 and 66 only) GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-EX-SMD	-	NXOS-703I7.2
N9K-C93108TC-EX N9K-C93180LC-EX	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-LH-SMD w/ GLC-SX-MMD		NXOS-703I7.1
N9K-C93240YC-FX2 (NX-OS Mode)	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T GLC-LH-SM GLC-ZX-SMD GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD		NXOS-703I7.3
N9K-C9336C-FX2 (NX-OS Mode) (1G will not be supported on ports 1-6 and 33-36)	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T (1000BASE-T) w/ GLC-SX-MM w/ GLC-SX-MMD w/ GLC-LH-SMD		NXOS-703I7.3
N9K-C9336C-FX2 (ACI Mode)	Supported on downlinks Ports 7 to 30 Only QSA (CVR-QSFP-SFP10G) w/ GLC-T w/ GLC-TE w/ SFP-GE-T		ACI-N9KDK9-13.1.2

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Data Center and Blade Switching Support

Cisco Nexus 9000 Series (Fixed 9300) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C93180LC-EX (ACI Mode)	Supported on downlinks Ports 1 to 24 Only QSA (CVR-QSFP-SFP10G) w/ GLC-T w/ GLC-TE w/ SFP-GE-T	—	ACI-N9KDK9-13.1.1

Cisco Nexus 9000 Series (Fixed 9200) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C92160YC-X	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T GLC-LH-SM GLC-ZX-SMD	—	7.0(3)I2(1)
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-BX-D GLC-BX-U	7.0(3)I3(1)	7.0(3)I3(1)
N9K-C9236C	(QSFP ports with SLIC adapter) w/ GLC-T w/ GLC-TE w/ GLC-SX-MM* w/ GLC-SX-MMD* w/ GLC-LH-SM* w/ GLC-LH-SMD*	—	7.0(3)I4(1)
	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-T (1000BASE-T) w/ GLC-TE (1000BASE-T) w/ GLC-SX-MM w/ GLC-SX-MMD	—	NXOS-703I5.1
	(QSFP ports with QSA: CVR-QSFP-SFP10G) w/ GLC-LH-SMD		NXOS-703I7.1
N9K-C92300YC	GLC-SX-MM GLC-T (1000BASE-T) GLC-TE (1000BASE-T) SFP-GE-T	—	NXOS-703I6.1

[Cisco Nexus 9000 Series](#) (Fixed 9200) NX-OS Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-LH-SM GLC-ZX-SMD		
	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD	NXOS-703I6.1	NXOS-703I6.1

* Up to 4 per SLIC adapter, up to 32 per switch through SLIC adapter

[Cisco Nexus 9000 Series](#) (Fixed 9300) ACI Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C9396PX	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MMD	—	ACI-N9KDK9-11.0
	GLC-SX-MM SFP-GE-T GLC-LH-SMD	—	ACI-N9KDK9-11.0(2j)
	GLC-EX-SMD GLC-LH-SM	—	ACI-N9KDK9-11.0(3f)
N9K-C9372PX	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD GLC-ZX-SMD	—	ACI-N9KDK9-11.0(3f)
	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD GLC-ZX-SMD	—	ACI-N9KDK9-11.0(3f)

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco Nexus 9000 Series](#) (Fixed 9300) ACI Mode

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
N9K-C93180YC-EX	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD GLC-ZX-SMD	—	ACI-N9KDK9-11.3
N9K-C93180YC-FX	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD GLC-ZX-SMD	—	ACI-N9KDK9-12.2A
N9K-C9364C (ACI Mode)	(Supported on ports 65 and 66 only) - GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MMD GLC-SX-MM SFP-GE-T GLC-LH-SMD GLC-LH-SM GLC-EX-SMD GLC-ZX-SMD		ACI-N9KDK9-13.0

[Cisco CSS 11500 Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CSS11506-2AC CSS11506-2DC CSS11503-AC CSS11503-DC CSS11501 CSS5-SCM-2GE CSS5-IOM-2GE	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM	—	ACI-N9KDK9-11.1(2h)

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco MDS 9000 series](#): Please refer to the [data sheet](#).

Router Support

[Cisco 892F series](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
CISCO892F-K9	GLC-SX-MM	—	15.1(2)T
CISCO892FW-K9	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

[Cisco 1921 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
HWIC-1GE-SFP	GLC-T	—	15.0(1)M2
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
EHWIC-1GE-SFP-CU	GLC-T	—	15.1(4)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 1941 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
HWIC-1GE-SFP	GLC-T	—	15.0(1)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
EHWIC-1GE-SFP-CU	GLC-T	—	15.1(4)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 2600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NM-1GE	WS-G5483	—	12.2(11)YT
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
	GLC-ZX-SMD		
NME-XD-24ES-1S-P	GLC-T	—	12.2(25)EZ
NME-XD-48ES-2S-P	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 2800 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NME-XD-24ES-1S-P	GLC-T	—	12.2(25)EZ
NME-XD-48ES-2S-P	GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-ZX-SMD GLC-LH-SMD	—	12.2(25)EZ
HWIC-1GE-SFP	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM CWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.3(8)T4

Cisco 2900 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 2921	GLC-SX-MM	—	15.0(1)M
Cisco 2951	GLC-LH-SM GLC-ZX-SM GLC-BX-U GLC-BX-D CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.0(1)M
HWIC-1GE-SFP	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM CWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.0(1)M

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco 2900 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
SM-D-ES3G-48-P SM-D-ES3-48-P SM-D-ES2-48	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-U GLC-BX-D CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.0(1)M
EHWIC-1GE-SFP-CU	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	15.1(4)M

[Cisco 3200 Series Rugged Routers](#)

[Cisco 3600 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 3270	GLC-SX-MM-RGD GLC-LX-SM-RGD	—	12.4(6)XE
NM-1GE	WS-G5483 WS-G5484 WS-G5486 WS-G5487 CWDM GBIC	—	12.2(11)YT

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 3700 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NM-1GE	WS-G5483	—	12.2(11)YT
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
NME-XD-24ES-1S-P NME-XD-48ES-2S-P	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD	—	12.2(25)EZ

Cisco 3800 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NM-1GE	WS-G5483	—	12.2(11)YT
	WS-G5484		
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
NME-XD-24ES-1S-P NME-XD-48ES-2S-P	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.2(25)EZ
HWIC-1GE-SFP	GLC-T GLC-TE GLC-SX-MM GLC-LH-SM GLC-ZX-SM CWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	—	12.3(8)T4

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 3800 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 3825	GLC-SX-MM	—	12.3(11)T
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
Cisco 3845	GLC-SX-MM	—	12.3(11)T
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

Cisco 3900 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
Cisco 3925	GLC-SX-MM	—	15.0(1)M
Cisco 3945	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-U		
	GLC-BX-D		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
HWIC-1GE-SFP	GLC-T	—	15.0(1)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
GLC-ZX-SMD			

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco 3900 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
SM-D-ES3G-48-P	GLC-T	—	15.0(1)M
SM-D-ES3-48-P	GLC-TE		
SM-D-ES2-48	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-U		
	GLC-BX-D		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
EHWIC-1GE-SFP-CU	GLC-T	—	15.1(4)M
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		

[Cisco 4000 Series Router](#)

[Cisco 4000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
4451-X	GLC-LH-SM	—	XE 3.1
4431	GLC-SX-MM		
4351	GLC-ZX-SM		
4331	GLC-GE-100FX		
4321	GLC-BX-D		
	GLC-BX-U		
	CWDM-SFP		
	DWDM-SFP		
	DWDM-SFP (add.)		
4451-X	GLC-LH-SMD		XE 3.1
4431	GLC-SX-MMD		
4351	GLC-LH-SMD		XE 3.15
4331	GLC-SX-MMD		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco 4000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
4321			
4451-X 4431 4351 4331 4321	GLC-FE-100BX-D GLC-FE-100BX-U GLC-T		XE 3.11
4451-X 4431 4351 4331 4321	SFP-GE-T		XE 3.13
4451-X 4431	SFP-GE-S		XE 3.13
4351 4331 4321	SFP-GE-S		XE 3.15
4451-X 4431 4351 4331 4321	GLC-EX-SMD		XE 3.15
4451-X 4431 4351 4331 4321	GLC-TE		XE 3.16
4451-X 4351 4331	SFP-10G-LR SFP-10G-LRM SFP-10G-SR		XE 3.13.1
4451-X 4431 4351 4331 4321	GLC-ZX-SMD GLC-BX80-D-I GLC-BX80-U-I GLC-BX40-D-I GLC-BX40-U-I		XE 3.16.1
4221	GLC-EX-SMD GLC-LH-SM GLC-LH-SMD GLC-SX-MM GLC-SX-MMD GLC-ZX-SM GLC-ZX-SMD GLC-FE-100FX GLC-FE-100LX GLC-FE-100ZX		16.4.1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco 4000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-FE-100EX		
	GLC-FE-100BX-D		
	GLC-FE-100BX-U		
	GLC-GE-100FX		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-BX40-D-I		
	GLC-BX40-U-I		
	GLC-BX-D		
	GLC-BX-U		
	GLC-TE		
	GLC-T		
	SFP-GE-T		
	CWDM-SFP		
	DWDM-SFP		
	DWDM-SFP (add.)		

[Cisco 6400 Universal Access Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
C6400-NRP-2SV	WS-G5484	—	12.2(2)B6
	WS-G5486		
	WS-G5487		

[Cisco 7200 Series Router](#)

The Cisco 7200 series router supports multiple parallel release branches. Where several releases are grouped together, they provide support for all transceivers in the corresponding group.

Network Device	Transceiver Model	Minimum Software Release Required		
		DOM Support	Software Release	
NPE-G1	WS-G5484	—	12.0(28)S	
	WS-G5486		12.1(14)E	
	WS-G5487		12.2(15)B	
	CWDM GBIC			12.2(4)BW
				12.2(14)S
				12.2(14)SU
Cisco 7201	GLC-SX-MM	—	12.2(33)SRC2	
			12.4(15)T7	
	GLC-SX-MMD		12.4(20)T1	
		SFP-GE-T	—	12.2(33)SRC2
			12.4(15)T7	

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco 7200 Series Router](#)

The Cisco 7200 series router supports multiple parallel release branches. Where several releases are grouped together, they provide support for all transceivers in the corresponding group.

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-S	—	12.2(31)SB2
	SFP-GE-L		12.2(33)SRC2
	GLC-LH-SMD		12.4(15)T7
	SFP-GE-Z		
	CWDM SFP		
NPE-G2	GLC-SX-MM	—	12.2(33)SRC2
	GLC-SX-MMD		12.4(15)T7
			12.4(20)T1
	SFP-GE-S	—	12.2(31)SB2
	SFP-GE-L		12.2(33)SRC2
	GLC-LH-SMD		12.4(15)T7
	SFP-GE-Z		
	CWDM SFP		
C7200-I/O-GE+E	WS-G5484	—	12.0(14)S2
	WS-G5486		12.1(3a)E5
	WS-G5487		12.1(5)T1
PA-GE	WS-G5484	—	12.0(7)S
	WS-G5486		12.0(6)T
	WS-G5487		12.1(1)E

[Cisco 7200 series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
uBR7200-NPE-G1	WS-G5484	—	12.2(11)CX
	WS-G5486		
	WS-G5487		
	CWDM GBIC		
uBR7200-NPE-G2	GLC-SX-MMD	12.2SB	12.2SB
	GLC-LH-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 7300 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CISCO7301	GLC-T (1000BASE-T)	—	12.2(18)S1
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
7300-NSE-100	WS-G5484	—	12.2(20)S
	WS-G5486 WS-G5487		
	WS-G5483 CWDM GBIC	—	12.2(28)SB
7304-NPE-G100	GLC-SX-MM	—	12.2(20)S
	GLC-LH-SM		
	GLC-ZX-SM		
	CWDM SFP		
7300-NSE-150	GLC-T	—	12.2(31)SB2
	GLC-TE		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD	12.2(31)SB2	
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	CWDM SFP		

Cisco 7500 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
GEIP	WS-G5484	—	Please see release notes
GEIP+	WS-G5486		
	WS-G5487		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
OSM-1CHOC12/T1-SI	WS-G5484	—	Please see release notes
OSM-1CHOC12/T3-SI	WS-G5486		
OSM-2OC12-ATM-MM	WS-G5487		
OSM-2OC12-ATM-SI	CWDM GBIC		
OSM-2OC12-ATM-MM+			
OSM-2OC12-ATM-SI+			
OSM-4OC3-POS-SI			
OSM-4OC3-POS-SI+			
OSM-4OC12-POS-SI			
OSM-4OC12-POS-SI+			
OSM-8OC3-POS-MM			
OSM-8OC3-POS-SI			
OSM-8OC3-POS-SL			
OSM-8OC3-POS-SL+			
OSM-8OC3-POS-SI+			
OSM-16OC3-POS-MM			
OSM-16OC3-POS-SI			
OSM-16OC3-POS-SL			
OSM-16OC3-POS-SI+			
OSM-2OC12-POS-MM			
OSM-2OC12-POS-SI			
OSM-2OC12-POS-SL			
OSM-2OC12-POS-SI+			
OSM-2OC12-POS-MM+			
OSM4OC12-POS-MM			
OSM4OC12-POS-SI			
OSM4OC12-POS-SL			
OSM4OC12-POS-SI+			
OSM-1OC48-POS-SI			
OSM-1OC48-POS-SL			
OSM-1OC48-POS-SS			
OSM-1OC48-POS-SS+			
OSM-1OC48-POS-SI+			
OSM-1OC48-POS-SL+			
OSM-2OC48/1DPT-SS			
OSM-2OC48/1DPT-SI			
OSM-2OC48/1DPT-SL			
OSM-2+4GE-WAN+			
OSM-4GE-WAN-GBIC			
WS-SUP720	GLC-T (1000BASE-T)	—	15.1(3)S
WS-SUP720-3B	GLC-SX-MM		
WS-SUP720-3BXL	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD	—	15.1(3)S
	GLC-LH-SMD		
	GLC-TE (1000BASE-T)		
	GLC-EX-SMD	—	15.2(1)S
	GLC-ZX-SMD		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	CWDM SFP	12.2(33)SRA	12.2(33)SRA
WS-SUP32-GE-3B	GLC-T (1000BASE-T)	—	12.2(33)SRA
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-ZX-SMD		
	GLC-BX-D	12.2(33)SRA	12.2(33)SRA
	GLC-BX-U		
	CWDM SFP	12.2(33)SRB	12.2(33)SRB
	DWDM SFP	12.2(33)SRE	12.2(33)SRE
WS-X6724-SFP WS-X6748-SFP	GLC-T (1000BASE-T)	—	15.1(2)S
	GLC-TE (1000BASE-T)		
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	GLC-SX-MMD	—	15.1(2)S
	GLC-LH-SMD		
GLC-EX-SMD			
GLC-ZX-SMD			
GLC-TE			
	SFP-GE-T (1000BASE-T)	—	12.2(33)SRB
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	DWDM SFP	—	12.2(33)SRE
RSP720-3C-GE RSP720-3CXL-GE	GLC-T (1000BASE-T)	—	15.1(3)S
	GLC-SX-MM		
	GLC-LH-SM		
	GLC-ZX-SM		
	GLC-SX-MMD	12.2(33)SRE1	15.1(3)S
	GLC-LH-SMD		
	GLC-TE (1000BASE-T)		
	GLC-EX-SMD	12.2(33)SRE1	15.2(1)S
	GLC-ZX-SMD		
	SFP-GE-T (1000BASE-T)	—	12.2(33)SRE1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP SFP-GE-S SFP-GE-L	12.2(33)SRE1	12.2(33)SRE1
RSP720-10GE	GLC-T (1000BASE-T) GLC-SX-MM GLC-LH-SM GLC-ZX-SM SFP-GE-T (1000BASE-T)	—	12.2(33)SRC
	GLC-BX-D GLC-BX-U SFP-GE-S SFP-GE-L	12.2(33)SRC	12.2(33)SRC
	GLC-SX-MMD GLC-LH-SMD GLC-TE (1000BASE-T)	—	15.1(3)S
	GLC-EX-SMD GLC-ZX-SMD	—	15.2(1)S
	CWDM SFP DWDM SFP	12.2(33)SRE1	12.2(33)SRE1
7600-ES+20G3C 7600-ES+20G3CXL 7600-ES+40G3C 7600-ES+40G3CXL	SFP-GE-T	—	12.2(33)SRD
	SFP-GE-S SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(33)SRD	12.2(33)SRD
	GLC-SX-MMD GLC-LH-SMD GLC-TE	—	15.1(2)S
	GLC-EX-SMD GLC-ZX-SMD	—	15.2(1)S
	DWDM SFP (add.)	12.2(33)SRE	12.2(33)SRE
76-ES+T-20G 76-ES+T-40G	SFP-GE-S SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP	12.2(33)SRD3	12.2(33)SRD3

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco 7600 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-T	—	
	GLC-SX-MMD GLC-LH-SMD GLC-TE	—	15.1(2)S
	GLC-EX-SMD GLC-ZX-SMD	—	15.2(1)S
	DWDM SFP (add.)	12.2(33)SRE	12.2(33)SRE
76-ES+XC-20G3C	SFP-GE-T	—	12.2(33)SRE
76-ES+XC-20G3CXL	SFP-GE-S	12.2(33)SRE	12.2(33)SRE
76-ES+XC-40G3C	SFP-GE-L		
76-ES+XC-40G3CXL	SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP		
	GLC-SX-MMD GLC-LH-SMD GLC-TE	—	15.1(2)S
	GLC-EX-SMD GLC-ZX-SMD DWDM SFP (add.)	—	15.2(1)S

Cisco 10000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ESR-1GE	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes
ESR-HH-1GE	SFP-GE-T	—	12.0(23)S
	SFP-GE-S	12.0(23)S	12.0(23)S
	SFP-GE-L		
	SFP-GE-Z		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco uBR10000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
UBR10-1GE	WS-G5484 WS-G5486 WS-G5487	—	Please see release notes
ESR-HH-1GE	SFP-GE-T	—	12.3(13)BC
	GLC-SX-MMD	12.3(13)BC	12.3(13)BC
	GLC-LH-SMD		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L SFP-GE-Z		

[Cisco RF Gateway Series](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
RFGW-X4516-10GE	SFP-GE-S SFP-GE-L	12.2(44)SQ	12.2(44)SQ
RFGW-DS48	SFP-GE-T	—	12.2(44)SQ
	SFP-GE-S	12.2(44)SQ	12.2(44)SQ
	SFP-GE-L		

[Cisco 12000 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
10x1GE-SFP-LC-B	GLC-SX-MM GLC-LH-SM	—	12.0(21)S
4GE-SFP-LC	GLC-SX-MM GLC-LH-SM GLC-ZX-SM		12.0(25)S
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD CWDM SFP		12.0(32)S
	EPA-3GE-SX/LH-LC	GLC-SX-MM GLC-LH-SM GLC-ZX-SM	

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco NCS 5000 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NCS 5001	GLC-SX-MMD		XR 6.0.0
NCS 5002	GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-TE CWDM-SFP-xxxx DWDM-SFP-xxxx		

Cisco NCS 5500 Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NCS-5501	GLC-SX-MMD	—	XR 6.1.1
NCS-5501-SE	GLC-LH-SMD GLC-TE (1000BASE-T)		
	GLC-ZX-SMD GLC-EX-SMD DWDM-SFP-xxxx CWDM-SFP-xxxx	—	XR 6.2.2

Shared Port Adapters (SPAs)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
SPA-5X1GE-V2 SPA-8X1GE-V2 SPA-10X1GE-V2	SFP-GE-T SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.	SPA software support is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.
SPA-2X1GE-V2	SFP-GE-S SFP-GE-L SFP-GE-Z CWDM SFP DWDM SFP GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

CRS Router Series

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
CRS-16-RP	GLC-LH-SM GLC-LH-SMD	—	XR 2.0
CRS-16-RP-B	GLC-LH-SM GLC-LH-SMD	—	XR 3.3
CRS-FCC-SC-22GE	GLC-LH-SM GLC-LH-SMD	—	XR 3.4.1
42-1GE	SFP-GE-T (1000BASE-T)	—	XR 3.8.1
20-1GE-FLEX	SFP-GE-S GLC-SX-MMD SFP-GE-L GLC-LH-SMD SFP-GE-Z	XR 3.8.1	XR 3.8.1
CRS-8-PRP-6G CRS-8-PRP-12G	GLC-LH-SM GLC-LH-SMD	—	XR 4.0.2

Cisco ASR 900 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A900-IMA8S A900-IMA8T	GLC-TE		3.18SP.1
	SFP-GE-L SFP-GE-S SFP-GE-Z		3.1
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I		3.14
	GLC-GE-DR-LX		3.18
	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD GLC-BX-D= GLC-BX-U= GLC-EX-SMD		3.5
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD CWDM SFP DWDM SFP		3.6
A900-IMA8S1Z	GLC-TE	-	XE 3.18SP.1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco ASR 900 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-L SFP-GE-S SFP-GE-Z GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD GLC-BX-D= GLC-BX-U= GLC-EX-SMD GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD CWDM SFP DWDM SFP		3.13
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I		3.14
	GLC-GE-DR-LX		3.18

Cisco ASR 901 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A901-12C-F-D A901-12-C-FT-D	GLC-T GLC-TE SFP-GE-T GLC-SX-MM GLC-LH-SM GLC-ZX-SM GLC-SX-MM-RGD GLC-LX-SM-RGD	—	15.1(2)SNG
	SFP-GE-S SFP-GE-L SFP-GE-Z	15.1(2)SNI	15.1(2)SNG

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

[Cisco ASR 901 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U GLC-EX-SMD CWDM SFP DWDM SFP DWDM SFP (add.)	15.2(2)SNI	15.2(2)SNG
A901-4C-F-D	GLC-T	—	15.2(2)SNH1
A901-4-C-FT-D	GLC-TE		
A901-6CZ-F-D	SFP-GE-T		
A901-6-CZ-FT-D	GLC-SX-MM		
A901-6CZ-F-A	GLC-LH-SM		
A901-6-CZ-FT-A	GLC-ZX-SM GLC-SX-MM-RGD GLC-LX-SM-RGD		
	SFP-GE-S SFP-GE-L SFP-GE-Z GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD GLC-BX-D GLC-BX-U GLC-EX-SMD CWDM SFP DWDM SFP DWDM SFP (add.)	15.2(2)SNH1	15.2(2)SNH1

[Cisco ASR 920 Series Router](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR-920-10SZ	GLC-SX-MM-RGD		XE 3.13
ASR-920-12CZ	GLC-LX-SM-RGD		
ASR-920-12SZ-IM	GLC-ZX-SM-RGD		
ASR-920-4SZ	GLC-BX-D= GLC-BX-U= GLC-EX-SMD GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD SFP-GE-T SFP-GE-L		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco ASR 920 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	SFP-GE-S SFP-GE-Z CWDM-SFP-xxxx= DWDM-SFP-xxxx=		
	GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I		XE 3.14
	GLC-GE-DR-LX		XE 3.18
	GLC-TE	-	XE 3.18SP.1
ASR-920-24SZ-M ASR-920-24SZ-IM	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD GLC-BX-D= GLC-BX-U= GLC-EX-SMD GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD SFP-GE-T SFP-GE-L SFP-GE-S SFP-GE-Z GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I CWDM-SFP-xxxx= DWDM-SFP-xxxx=		XE 3.14
	GLC-GE-DR-LX		XE 3.18
	GLC-TE	-	XE 3.18SP.1

Cisco NCS 4200 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
NCS4201-SA	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD		XE 3.14

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

Cisco NCS 4200 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX-D= GLC-BX-U= GLC-EX-SMD GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD SFP-GE-T SFP-GE-L SFP-GE-S SFP-GE-Z GLC-BX40-U-I GLC-BX40-D-I GLC-BX40-DA-I GLC-BX80-U-I GLC-BX80-D-I CWDM-SFP-xxxx= DWDM-SFP-xxxx=		
	GLC-GE-DR-LX		XE 3.18
	GLC-TE	-	XE 3.18SP.1

ASR 1000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR1001	SFP-GE-T	—	XE 2.1
ASR1002	SFP-GE-S	XE 2.1	XE 2.1
ASR1002-F	SFP-GE-L		
ASR1002-X	SFP-GE-Z		
ASR1001-X*	CWDM SFP		
ASR1002-HX**	DWDM SFP		
ASR1001-HX***	GLC-GE-100FX		
	GLC-BX-D GLC-BX-U	XE 2.5	XE 2.5
	GLC-SX-MMD GLC-LH-SMD GLC-ZX-SMD	XE 3.4S	XE 3.4S
	GLC-EX-SMD	XE 3.5S	XE 3.5S
	GLC-TE	XE 3.15.0S	XE 3.15.0S
	GLC-BX40-D-I GLC-BX40-DA-I GLC-BX40-U-I GLC-BX80-D-I	IOS XE Denali 16.3.1	IOS XE Denali 16.3.1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

ASR 1000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
	GLC-BX80-U-I		
	DWDM-SFP10G-C	IOS XE 16.7.1	IOS XE 16.7.1
ASR 1000 platform with SPA cards	Software support on the ASR 1000 modular platforms is determined by the platform on which the SPA is installed. Refer to the SPA release notes for the correct software release.		

*ASR 1001-X supports the above mentioned SFPs from 3.12.0S or 'Minimum Software Release Required' whichever latest. ASR 1001-X supports GLC-GE-100FX from 16.2 or 'Minimum Software Release Required' whichever latest. ASR1001-X does not support GLC-LH-SM. Use GLC-LH-SMD instead.

**ASR 1002-HX supports the above mentioned SFPs from 16.2 or 'Minimum Software Release Required' whichever latest.

*** ASR 1001-HX supports GLC-GE-100FX on Bay 0 only.

ASR 9000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-40GE-TR	GLC-SX-MMD	XR 5.2.2	XR 5.2.2
A9K-40GE-SE	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	GLC-GE-100FX		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-T	-	
	GLC-TE	-	XR 5.3.4
A9K-40GE-B	SFP-GE-T (10/100/1000)	—	XR 3.9.0
A9K-40GE-E	SFP-GE-S	XR 3.7.3	XR 3.7.3
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)	XR 3.9.0	XR 3.9.0
	GLC-SX-MMD	XR 4.1.1	XR 4.1.1
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
A9K-2T20GE-B	SFP-GE-T (10/100/1000)	—	XR 3.9.0

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

ASR 9000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-2T20GE-E	SFP-GE-S	XR 3.9.0	XR 3.9.0
A9K-2T20GE-L	SFP-GE-L		
A9K-40GE-L	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-SX-MMD	XR 4.1.1	XR 4.1.1
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
A9K-4T16GE-TR	GLC-SX-MMD	XR 5.3.0	XR 5.3.0
A9K-4T16GE-SE	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	GLC-GE-100FX		
	CWDM SFP		
	DWDM SFP		
	SFP-GE-T	-	
	GLC-TE	-	XR 5.3.4
A9K-MPA-20X1GE	SFP-GE-T (10/100/1000)	—	XR 4.2.0
	SFP-GE-S	XR 4.2.0	XR 4.2.0
	SFP-GE-L		
	SFP-GE-Z		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	DWDM SFP		
	DWDM SFP (add.)		
	GLC-SX-MMD		
	GLC-LH-SMD		
	GLC-EX-SMD		
	GLC-ZX-SMD		
	GLC-BX40-D-I	XR 5.1.2	XR 5.1.2
	GLC-BX40-U-I		
	GLC-BX40-DA-I		
	GLC-BX80-D-I		
	GLC-BX80-U-I		
	GLC-TE	XR 5.2.2	XR 5.2.2
	GLC-GE-DR-LX		

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

ASR 9000 Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
A9K-RSP440-TR	SFP-GE-T (10/100/1000)	—	XR 4.2.1
A9K-RSP440-SE	SFP-GE-S SFP-GE-L SFP-GE-Z GLC-BX-D GLC-BX-U CWDM SFP DWDM SFP DWDM SFP (add.)	XR 4.2.1	XR 4.2.1
	GLC-SX-MMD GLC-LH-SMD	XR 4.2.3	XR 4.2.3
	GLC-EX-SMD GLC-ZX-SMD	XR 5.2.0	XR 5.2.0
	GLC-TE GLC-GE-DR-LX	—	XR 5.2.2

ASR 9000 Series Router (EOBC-supported optics)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR-9001	SFP-GE-S	XR 4.3.0	XR 4.3.0
ASR-9001-S	GLC-SX-MMD GLC-LH-SMD	XR 4.3.0	XR 4.3.0
	GLC-TE GLC-GE-DR-LX	—	XR 5.2.2
	GLC-EX-SMD GLC-ZX-SMD	XR 5.2.0	XR 5.2.0
ASR-9922-RP-SE ASR-9922-RP-TR	SFP-GE-S GLC-SX-MMD GLC-LH-SMD	XR 4.3.1	XR 4.3.1
A9K-RSP440-TR A9K-RSP440-SE	SFP-GE-S GLC-SX-MMD GLC-LH-SMD	XR 4.2.1	XR 4.2.1

Cisco Gigabit Ethernet Transceiver Modules Compatibility Matrix

Cisco MDS 9000 series: Please refer to the data sheet.

Router Support

ASR9000v Series Router

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
ASR-9000V-AC	SFP-GE-T	XR 4.3.0	XR 4.3.0
ASR-9000V-DC-A	SFP-GE-S		
ASR-9000V-DC-E	SFP-GE-L		
ASR-9000V-24-A	GLC-BX-D GLC-LH-SM		
	GLC-BX-U SFP-GE-Z GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD CWDM SFP	XR 4.3.0	XR 4.3.0
	GLC-BX40-D-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I	XR 5.1.1	XR 5.1.1
	GLC-BX40-DA-I GLC-TE GLC-GE-DR-LX	XR 5.2.0 XR 5.2.2	XR 5.2.0 XR 5.2.2
	GLC-T	—	XR 4.2.3
A9KV-V2-AC	SFP-GE-T	XR 4.3.0	XR 4.3.0
A9KV-V2-DC-A	SFP-GE-S		
A9KV-V2-DC-E	SFP-GE-L GLC-BX-D GLC-LH-SM		
	GLC-BX-U SFP-GE-Z GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD CWDM SFP	XR 4.3.0	XR 4.3.0
	GLC-BX40-D-I GLC-BX40-U-I GLC-BX80-D-I GLC-BX80-U-I	XR 5.1.1	XR 5.1.1
	GLC-BX40-DA-I GLC-TE GLC-GE-DR-LX	XR 5.2.0 XR 5.2.2	XR 5.2.0 XR 5.2.2

[Cisco MWR 2941 Mobile Wireless Routers](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
MWR-2941-DC	GLC-SX-MMD GLC-LH-SMD SFP-GE-S SFP-GE-L SFP-GE-Z	12.4(19)MR1	12.4(19)MR1
	GLC-SX-MM-RGD GLC-LX-SM-RGD GLC-ZX-SM-RGD	—	12.4(19)MR1
	SFP-GE-T	—	12.4(19)MR3 or 12.2(33)MRA
	CWDM SFP DWDM SFP	12.4(19)MR3 or 12.2(33)MRA	12.4(19)MR3 or 12.2(33)MRA
	GLC-BX-D GLC-BX-U	12.4(20)MRA	12.4(20)MRA
	GLC-EX-SMD	15.1(01)MR	15.1(01)MR

Appliance Support

[ASA5500 Series appliances](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
SSM-4GE	GLC-SX-MM GLC-LH-SM GLC-LH-SMD	—	ASA 7.0

[NAM 2200 Series appliances](#)

Network Device	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
NAM2204-SFP	GLC-T (1000BASE-T) GLC-TE (1000BASE-T) GLC-SX-MM GLC-LH-SM	—	NAM 4.0

Wireless LAN Controllers Support

Cisco 5700 WLC Series

Controller or Module	Transceiver Module	Minimum Software Release Required	
		DOM Support	Software Release
AIR-CT5760-25-K9	GLC-T (10/100/1000)	XE 3.2.0SE	XE 3.2.0SE
AIR-CT5760-50-K9	GLC-TE		
AIR-CT5760-100-K9	GLC-LH-SM		
AIR-CT5760-250-K9	GLC-LH-SMD		
AIR-CT5760-500-K9	GLC-SX-MM		
AIR-CT5760-1K-K9	GLC-SX-MMD		
AIR-CT5760-HA-K9	GLC-EX-SMD		
	(CPN 10-2624-01 or later only)		
	GLC-ZX-SM		
	GLC-ZX-SMD		
	GLC-BX-D		
	GLC-BX-U		
	CWDM SFP		
	SFP-GE-S		
	SFP-GE-L		
	SFP-GE-T		
	SFP-GE-Z		
	DWDM SFP		
	DWDM SFP (add.)		

Cisco Security Appliance Minimum Software Release Requirements

[Cisco Firepower](#)

Network Device	Transceiver Model	Minimum Software Release Required	
		DOM Support	Software Release
FPR2K-NM-8X1G-F	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD		1.1.4
FPR4K-NM-8X1G-F FPR9K-NM-8X1G-F	GLC-SX-MMD GLC-LH-SMD GLC-EX-SMD GLC-ZX-SMD GLC-T GLC-TE		1.1.4

Obtaining Documentation and Submitting a Service Request

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