

SFP Transceiver Module

GLC SX MM



GLC SX MM is 1000Base-SX SFP fiber optic transceiver for multimode fiber and it works at 850nm wavelength, Cisco GLC SX MM SFP is compatible with IEEE 802.3z and could reach 550 meter working distance via 50/125 multimode fiber, on 62.5/125 multimode fibers it could reach 220 meters. GLC SX MM SFP is hot swappable module that fit for Gigabit Ethernet port or slot and link the port with the network, GLC SX MM is about 1.3 cm x 5.7 cm x 0.9 cm in dimension, and 75g in weight.

GLC LH SM



GLC LH SM is a SFP fiber optic transceiver working at 1300nm wavelength, GLC LH SM could use with both multimode optical fiber and single mode optical fiber, it is small size transceiver with LC interface and it is hot swappable, easy to use, no need further configuration. GLC LH SM is used in Gigabit network and its working distance could reach 10km max, data transfer rate at 1Gbps and it works based on IEEE 802.3z standards. Our products are equivalent to Cisco GLC LH SM and compatible with Cisco equipment.

GLC ZX SM



GLC ZX SM is 1000Base-ZX SFP fiber optic transceiver, GLC ZX SM works with single mode optical fiber at 1550nm working wavelength. Cisco GLC ZX SM could reach a max 100 km working distance over single mode fiber. This mini GBIC is carrier-class quality and can be fully trusted for your most demanding LAN/WAN applications, voice projects, or network

deployments. GLC ZX SM dimension is 0.5 in x 2.2 in x 0.4 in, it works based on IEEE 802.3z and data transfer rate is 1Gbps. We offer equivalent products to Cisco GLC ZX SM

GLC T



GLC T is 1000Base SFP fiber optic transceiver module via Category 5 copper line, Cisco GLC T fiber transceiver provide 1Gbps data transfer and it provides full-duplex Gigabit Ethernet connectivity to high-end workstations and between wiring closets over existing copper network infrastructure. GLC T SFP is compliant to IEEE 802.3 and its dimension is 0.6 in x 2.8 in x 0.6 in, GLC T is with plug in module type Mini-GBIC

GLC FE 100FX



GLC FE 100FX is Cisco SFP fiber optic transceiver module designed for 100Base-X, GLC FE 100FX operate via multimode optical fiber and its working distance is up to 2km max. GLC FE 100FX working wavelength is at 1310nm MMF. GLC FE 100FX is small form transceiver with dimension 8.5 x 13.4 x 56.5 mm, its working temperature range at 0 to 70 degree centigrade. GLC FE 100FX compatible with safety standard Laser Class 1 21CFR1040.

GLC FE 100LX



GLC FE 100LX is Cisco SFP fiber transceiver for 100Base network, GLC FE 100LX work with single mode optical fiber at 1310nm wavelength, this SFP transceiver module working distance could reach 10km max. GLC FE 100LX is with a dimension 1.34 cm x 5.65 cm x 8.5

mm, it is compatible with IEEE 802.3, IEEE 802.3ah

GLC FE 100EX



GLC FE 100EX is Cisco SFP fiber transceiver module for 100Base network, GLC FE 100EX working distance is around 40 kilometers, GLC FE 100EX is a single mode fiber transceiver and its working wavelength is 1310nm. This fiber transceiver is compatible with IEEE standards and the GLC FE 100EX dimension is about 8.5 x 13.4 x 56.5 mm. GLC FE 100EX is used to link the fast Ethernet SFP ports to the fiber optic networks

GLC FE 100BX D



GLC FE 100BX D is Cisco SFP fiber transceiver module used in 100Base network, GLC FE 100BX D operate via single mode optical fiber with 1550TX and 1310RX, GLC FE 100BX D max working distance is 10km. GLC FE 100BX D use a single LC connector to link the fiber optic network while the other end of the transceiver will fit into the SFP slot or ports on switches or routers

GLC FE 100BX U



GLC FE 100BX U is Cisco SFP fiber transceiver with single LC port, the GLC FE 100BX U SFP is with 1310TX and 1550RX, GLC FE 100BX U typical working distance is up to 10km. GLC FE 100BX U work on single mode optical fiber, it is fully compatible with IEEE standards for 100Base network, GLC FE 100BX U is used to connect the relevant SFP ports to the fiber optic

networks via the single LC fiber connector interface

SFP GE S



SFP GE S is Cisco SFP transceiver multimode type, SFP GE S is a 1000base SX SFP transceiver with digital optical monitoring, SFP GE S fit for both 50/125 or 62.5/125 multimode optical fiber and its working wavelength at 850nm, max distance for SFP GE S is 550 meters. The SFP GE S transceiver is for short wavelength applications, power budget is 7.5 dB, SFP GE S use dual LC fiber connector interface, its size about 8.5 mm x 13.4 mm x 56.5 mm

SFP GE L



SFP GE L is Cisco fiber optic transceiver with a max working distance 10km. SFP GE L use dual LC connector interface and the other end of the SFP GE L could fit into accordingly SFP slot or port for linking. SFP GE L is a 1000Base fiber optic transceiver and it offer 1Gbps data transfer rate, size of the SFP GE L is about 0.33" 0.53"*2.22". SFP GE L typical working wavelength is 1310nm and it is a short wavelength SFP transceiver with DOM

SFP GE Z



SFP GE Z is Cisco SFP fiber optic transceiver working via single mode optical fiber, SFP GE Z typical working wavelength is 1550nm and its working distance is up to 70km, The SFP provides an optical link budget of 23 dB, but the precise link span length depends on multiple factors such as fiber quality, number of splices, and connectors. SFP GE Z use dual LC fiber

connector interface and Cisco SFP GE Z transceiver is for 1000Base network.

GLC BX D



GLC BX D is Cisco SFP fiber optic transceiver via single mode optical fiber, GLC BX D is 1490 TX 1310 RX fiber optic module, GLC BX D is with dual LC fiber connector interface and its working distance could reach 10km max. GLC BX D is a 1000Base BX fiber transceiver used in Gigabit network, it link the relevant SFP ports or slots to the fiber optic network with data transfer speed at 1Gbps

GLC BX U



GLC BX U is Cisco SFP fiber optic transceiver, which works on single mode optical fiber, it is with duplex LC connector interface and the other end of the GLC BX U could fit into relevant SFP slots or ports on switches or routers. GLC BX U is 1310nm TX and 1490nm RX SFP transceiver, it is hot swappable and the max working distance of GLC BX U is 10km. GLC BX U is compatible with the IEEE 802.3ah 1000BASE-BX10-D and 1000BASE-BX10-U standards, this SFP transceiver operate on a single strand of standard single mode fiber

DS SFP FC 2G SW



DS SFP FC 2G SW is Cisco SFP with 2Gbps data rate; this transceiver is used in fibre channel applications. Here the FC means fibre channel, 2G is the speed rate and SW means short wave length. DS SFP FC 2G SW is with LC duplex connectors interface and it is compatible to use with 1Gbps fibre channel connections.

DS SFP FC 2G SW work at 850nm wavelength with multimode optical fiber, it could use 62.5/125 MMF or 50/125 OM2 type MMF. Max working distance of DS SFP FC 2G SW is 500 meters. It meet Laser Class I 21CFR1040 and relevant fibre channel standards. We supply Cisco equivalent DS SFP FC 2G SW, our products are fully compatible with Cisco equipment and function is same as original product

DS SFP FC 2G LW



DS SFP FC 2G LW is Cisco SFP transceiver that is compatible to use with 1Gbps and 2Gbps fibre channel connections. Here the part number FC indicates its fibre channel application, 2G is the max data transmission rate and LW refer to the long wavelength, here it is 1310nm. DS SFP FC 2G LW measurement is 8.5 x 13.75 x 55.2 mm.

DS SFP FC 2G LW is used with 9/125 single mode optical fibers and its max working span is 10km. Working temperature of DS SFP FC 2G LW range from zero to forty degree centigrade and it is fully compatible with relevant fibre channel standard and Laser Class I 21CFR1040. We supply Cisco equivalent DS SFP FC 2G LW transceivers for the 1/2 G fibre channel applications; our products are fully equal to the original products function and compatible with Cisco equipmen

Fibre Channel SFP

- DS SFP FC 2G SW (1/2-Gbps Fibre Channel-Shortwave SFP)
- DS SFP FC 2G LW (1/2-Gbps Fibre Channel-Longwave SFP)
- ONS SE 4G SM (4-Gbps Fibre Channel SFP, 1310-nm, single-mode)
- ONS SE 4G MM (4-Gbps Fibre Channel SFP, 850-nm, multimode)

ONS SE 4G SM



ONS SE 4G SM is Cisco fiber optic transceiver with max 4Gbps data rate for fibre channel and Gigabit Ethernet applications. ONS SE 4G SM work with single mode optical fiber at 1310nm, its max-working span is 10km on 9/125 SMF. This transceiver is compatible to support 1.0625Gbps, 2.125Gbps and up to 4.25Gbps data rate, it adopt typical SFP package and meet with SFP (SFF-8074i) and SFF-8472 MSA, rate selection function as per SFF 8079.

ONS SE 4G SM is with DOM function to provide monitoring of transmit power, laser bias, receiver power, voltage and temperature, this product is lead free and RoHS compliant. We supply these ONS SE 4G SM Cisco equivalent long wavelength tri-rate SFP transceivers, they are fully compatible to use with Cisco equipment

ONS SE 4G MM



ONS SE 4G MM is Cisco multimode small form factor pluggable transceiver for bi-directional serial optical data connections. ONS SE 4G MM work at 850nm and its max working distance is 150 meters, it is a tri-rate SFP which support 1.063Gbps, 2.125Gbps and 4.25Gbps fibre channel. The transmitter part of this transceiver adopt a VCSEL and meet with Class 1 laser according to international safety standard IEC 60825. The receiver part uses an integrated GaAs detector preamplifier mounted in an optical header and a limiting post-amplifier IC. ONS SE 4G is with built-in digital diagnostic function.

ONS SE 4G MM is with 3.3 power supply and it is low power dissipation at less than 700mW typical. We supply this Cisco equivalent ONS SE 4G MM SFP fiber optic transceivers, these SFP modules are used in fibre channel and switch to switch interface links, all the transceivers are 100% tested during production to ensure their compatibility

CWDM SFP

- CWDM SFP 1470

- CWDM SFP 1490
- CWDM SFP 1510
- CWDM SFP 1530
- CWDM SFP 1550
- CWDM SFP 1570
- CWDM SFP 1590
- CWDM SFP 1610

CWDM SFP 1470



We supply Cisco CWDM SFP 1470 equivalent transceivers, this transceiver work at 1470nm wavelength and is used for Gigabit Ethernet or Fibre channel. The CWDM SFP 1470 is with dual LC fiber optic interface and it support 1.25G and 2.12G data rate at full duplex.

The CWDM SFP 1470 transceiver is colored grey and Compliant with the ITU-T G.694.2 CWDM grid, 1000BASE-X standard as specified in IEEE 802.3z and Fibre Channel Draft Physical Interface Specification (FC-PI 10.0).our CWDM SFP 1470 fiber optic transceivers are compatible to use with equipment from Cisco and other suppliers

CWDM SFP 1490



CWDM SFP 1490 is a fiber optic transceiver suitable to use with Gigabit Ethernet and 1 and 2G Fibre Channel, it is with violet color to identify the products from related CWDM transceivers. We supply Cisco CWDM SFP 1490 fiber optic transceivers which are compliant to the switches and routers from Cisco and other manufacturers.

The CWDM SFP 1490 is with a dual LC fiber optic interface and in SFP package, it fit to used for Gigabit Ethernet 1.25 Gbps full-duplex links with an optical link budget of 29 dB and Fibre Channel 1.06 and 2.12 Gbps full-duplex links with an optical link budget of 28 dB, our CWDM SFP 1490 is strictly tested during the production to assure the compatibility and good performance

CWDM SFP 1510



CWDM SFP 1510 is Cisco SFP fiber optic transceiver working with 1510nm wavelength, this product is colored by blue, and it is designed for Gigabit Ethernet and 1 and 2 GB Fibre Channel applications. By using such CWDM SFP transceivers, service providers and installers can provide scalable and easy to deploy networks.

The CWDM SFP 1510 is with a duplex LC fiber optic interface and it is hot pluggable unit, we supply the Cisco equivalent CWDM SFP 1510 fiber optic transceivers which are fully compatible to use with Cisco switches and routers, these SFP products are manufactured and tested according to industrial standards, they feature the good compatibility and reliable performance

CWDM SFP 1530



We supply CWDM SFP 1530 fiber optic transceivers, these green colored Cisco equivalent SFP are used in Gigabit Ethernet and Fibre Channel applications, they are hot swappable and with dual LC optical interface. The CWDM SFP 1530 meets with safety laser class I 21CFR1040.

Our CWDM SFP 1530 is manufactured according to ITU-T G.694.2 CWDM grid, IEEE 802.3z

and Fibre Channel Draft Physical Interface Specification (FC-PI 10.0). We have these transceivers in stock for immediate delivery. All of our CWDM SFP 1530 fiber optic transceivers are compatible to use with Cisco routers and switches and they are strictly manufactured and tested to assure the perfect working and physical condition

XFP Transceiver



- XFP SR (300 meters XFP)
- XFP LR (10 km XFP)
- XFP ER (40 km XFP)
- XFP ZR (80 km XFP)

XFP transceiver is a small form factor hot pluggable module designed for 10G network applications including 10Gig Ethernet and fibre channel. XFP transceivers are with dual LC interface and the industrial acknowledged standards for XFP is called XFP MSA (Multi Source Agreement), which was founded by some industrial leading companies including Finisar, Tyco and JDSU.

XFP transceivers commercially available in the market now include the 10Gbase SR XFP, 10Gbase LR XFP, 10Gbase ER XFP and 10Gbase ZR XFP. These transceivers are with Digital Diagnostics that provide a powerful optical management tool. 10Gbase SR XFP is used with OM3 50/125 laser optimized multimode fiber with max working span around 300 meters. The other three standards are all for single mode fiber applications, 10Gbase LR XFP work with 1310nm SMF and max working distance 10km, 10Gbase ER XFP work with 1550nm SMF and working range max 40km, 10Gbase LR XFP is also 1550nm wavelength and working span is 80km max. Huihong Technologies Limited supplies the XFP transceivers which features stable quality and good price. These XFP transceivers are manufactured according to international industrial standards and are strictly tested for compatibility with equipment and devices from major companies in industry

XFP SR



XFP SR is 10Gbps fiber optic transceiver working at 850nm wavelength, XFP SR typical working distance is 300 meters; XFP SR is suitable for use in 10G datacom (belly-to-belly for high density applications) and storage area network (SAN/NAS) applications based on IEEE 802.3ae and Fiber Channel standards. XFP SR adopts VCSEL as transmitter and with a PIN photodiode as receiver and this fiber transceiver module is typically used in short distance data transmission. Operation temperature of this XFP SR is from 0 to 70 degree centigrade.

XFP LR

10gbase lr xfp fiber optic transceivers, these XFP LR modules could reach max 10km working distance and they are with digital diagnostic function.



XFP LR is hot swappable fiber optic transceiver used for 10G networks like 10 Gigabit Ethernet, SDH, SONET, XFP LR support data transfer rate from 9.95Gbps to 11.1Gbps, max working distance of the XFP LR fiber transceiver is 10km. XFP LR use dual LC fiber connector interface, its working temperature is from -5 to 70 degree centigrade, this fiber transceiver module is with uncooled 1310nm EML laser and power dissipation less than 2.5W. The XFP LR is with built in digital diagnostic functions.

XFP ER



XFP ER adopts cooled EML laser diode and PIN photodiode, XFP ER is 10G fiber optic

transceiver which is fully compatible with XFP MSA and IEEE 802.3ae-2002, max working span of the XFP ER is 40km. This XFP ER transceiver module is with XFI electrical interface and it adopt 3.3v or 1.8v power supply, power dissipation of the module is less than 2.5w. XFP ER is with built in digital diagnostic function and it fit to work in 0 to 70 degree centigrade environment. XFP ER working wavelength is 1550nm, it support data from 9.95Gbps to 10.7Gbps.

XFP ZR

XFP ZR fiber transceiver modules, these modules fit for 10G network requirement and working distance is up to 80km, and the XFP ZR modules are good prices and fast delivery.



XFP ZR is 10Gbps fiber optic transceiver which is compatible with IEEE 802.3ae and Fiber Channel standards, XFP ZR use single mode optical fiber and its max working span could reach 80km, XFP ZR use 1550nm working wavelength, this fiber optic transceiver use dual LC fiber interface and the other end of the module could fit into relevant XFP slots or ports. The XFP ZR also compatible with following standards: Laser Class 1, FCC CFR21 Part 1040, RoHS, IEC 60825-1, FDA, the transceiver working temperature between 0 to 70 degree centigrade

