

Cisco X2-10GB-ZR Datasheet



Cisco X2-10GB-ZR 10GBASE-ZR X2 Module for SMF

X2-10GB-ZR

The Cisco 10GBASE X2 modules offer customers a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport applications.

Main features of Cisco 10GBASE X2 modules include:

- Support 10GBASE Ethernet
- Hot-swappable input/output device plugs into an Ethernet X2 port of a Cisco switch or router to link the port with the network
- Provides flexibility of interface choice
- Supports “pay-as-you-populate” model
- Supports the Cisco quality identification (ID) feature that enables a Cisco switch or router to identify whether the module is certified and tested by Cisco
- Has optical interoperability with respective 10GBASE Xenpak, 10GBASE XFP and 10GBASE SFP+ modules on the same link

Cisco X2-10GB-ZR

Supports link lengths of up to about 80 km on SMF. This interface is not part of the 10 Gigabit Ethernet standard but is built according to Cisco optical specifications.

Specifications

- Product Number: X2-10GB-ZR
- Description: Cisco 10GBASE-ZR X2 Module for SMF
- Connectors: Dual SC/PC connector
- Wavelength: 1550nm
- Cable Type: SMF
- Cable Distance: 80km
- Transmit Power (dBm):
 - Maximum: 4.0
 - Minimum: 0
- Receive Power (dBm):
 - Maximum: -7.0
 - Minimum: -24.0
- Transmit Wavelength Range (nm): 1530 to 1565
- Receive Wavelength Range (nm): 1530 to 1565
- Dimensions (D x W x H): 91mm x 36mm x 13.46mm
- Operating temperature range: Commercial temperature range (COM): 0 to 70°C (32 to 158°F)
- Storage temperature range: -40 to 85°C (-40 to 185°F)
- Power Consumption: 4W

Platform Support

- Cisco X2 modules are supported on Cisco switches and routers.
- Cisco 7600 WS-X6708-10G-3C
- Cisco 6500 WS-X6708-10G-3CXL
- Cisco 6500 WS-X6708-10G-3C

- Cisco WS-C3560E-48TD
- Cisco 6500 VS-S720-10G-3CXL
- Cisco 3100 WS-CBS3130X-S
- Cisco 6500 WS-X6716-10G-3CXL
- Cisco WS-C4900M
- Cisco 4900 WS-C4948-10GE
- Cisco 4500 WS-X45-SUP6-E
- Cisco 4500 WS-X4013+10GE
- Cisco WS-C3750E-48PDF
- Cisco WS-C3750E-48TD
- Cisco 6500 VS-S720-10G-3C
- Cisco WS-C3560E-48PD
- Cisco 4500 WS-X4606-X2-E
- Cisco 4900 ME-4924-10GE
- Cisco 6500 WS-X6708-10G-3CXL
- Cisco 6500 WS-X6716-10G-3CXL
- Cisco WS-C3560E-24PD
- Cisco 6500 VS-S720-10G-3C
- Cisco WS-X4904-10GE
- Cisco WS-C3560E-24TD
- Cisco 7600 RSP720-10GE
- Cisco 4500 WS-X4516-10GE
- Cisco WS-C3750E-48PD
- Cisco WS-C3750E-24PD
- Cisco WS-C3560E-12SD
- Cisco WS-C3750E-24TD
- Cisco 3100 WS-CBS3120X-S
- Cisco 6500 WS-X6716-10G-3C
- Cisco 4500 WS-X45-SUP6L-E
- Cisco WS-X4908-10GE
- Cisco 3100 WS-CBS3110X-S-I
- Cisco 6500 WS-X6716-10G-3C
- Cisco 6500 WS-X6708-10G-3C
- Cisco WS-C3560E-48PDF
- Cisco 4900 WS-C4928-10GE
- Cisco 6500 VS-S720-10G-3CXL
- Cisco 7600 WS-X6708-10G-3CXL

- Cisco Nexus 7000 N7K-M108X2-12L
- Cisco WS-C3560E-12D
- Cisco RFGW-X4516-10GE

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