

Cisco DS-X2-FC10G-SR Datasheet



Cisco DS-X2-FC10G-SR 10-Gbps Fibre Channel-Shortreach X2, SC

DS-X2-FC10G-SR

Cisco 10-Gbps Fibre Channel X2 Transceivers

The Cisco Fibre Channel X2 Transceivers provide high-performance Fibre Channel connectivity for the 10-Gbps Fibre Channel ports on the MDS 9000 Family platform. There are three types of Cisco 10-Gbps Fibre Channel X2 Transceivers for transmission on optical cables: Cisco Short Reach (up to 300m; part number DS-X2-FC10G-SR), Cisco Long Reach (up to 10 km; part number DS-X2-FC10G-LR), and Cisco Extended Reach (up to 40 km; part number DS-X2-FC10G-ER). There is also a 10-Gbps Fibre Channel X2 transceiver for transmission on copper cable (up to 15m; part number DS-X2-FC10G-CX4) (Figure 10). Each offers 10 Gbps Fibre Channel connectivity.

Specifications

- Part Number: DS-X2-FC10G-SR
- Description: Cisco 10-Gbps Fibre Channel-Shortreach X2, SC
- Connector: Dual SC connector
- Cable Type: MMF
- Wavelength: 850nm

- Cable Distance:
 - 104 ft (33m) @ OM1
 - 984 ft (300m) @ OM3
- Average Transmit Power (dBm)
 - Maximum: -1.2
 - Minimum: -7.3
- Average Receive Power (dBm)
 - Maximum: -1.0
 - Minimum: -9.9
- Fiber Loss Budget (dBm): 2.6 (50.0 microns [OM3])
- Dimensions (H x W x D): 8.5 x 13.75 x 55.2 mm
- Operating Temperature Range: 0°C ~ 40°C
- Storage Temperature Range: -40°C ~ 85°C

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