

# Cisco DS-X2-FC10G-ER Datasheet



Cisco DS-X2-FC10G-ER 10-Gbps Fibre Channel-ER X2, SC

DS-X2-FC10G-ER

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-ER
- Description: Cisco 10-Gbps Fibre Channel-ER X2, SC
- Connector: Dual SC connector
- Cable Type: SMF
- Wavelength: 1550nm

- Cable Distance: 24.8 mi (40 km)
- Average Transmit Power (dBm)
  - Maximum: 4.0
  - Minimum: -4.7
- Average Receive Power (dBm)
  - Maximum: -1.0
  - Minimum: -15.8
- Fiber Loss Budget (dBm): 11.1
- 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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