Cisco GLC-FE-100ZX Datasheet

Cisco GLC-FE-100ZX 100BASE-ZX for Fast Ethernet SFP Ports

GLC-FE-100ZX

The Cisco 100BASE-X Small Form-Factor Pluggable (SFP) device is a hot-swappable input/output device that plugs into Fast Ethernet ports, dual-rate Fast/Gigabit Ethernet ports, or Gigabit Ethernet ports of a Cisco switch or router, linking the port with the fiber cabling network.

Main features include the following:

- Hot-swappable when deployed, the switch or router does not have to reboot
- Supports the "pay-as-you-populate" model
- Interchangeable with other 100BASE-X SFPs on the same line card
- Supports the Cisco quality ID feature that enables the switch or router to identify whether or not the SFP is a Cisco qualified SFP
- Optically interoperable with respective 100BASE-X Ethernet interfaces on the same link

Cisco 100BASE-ZX SFP

The Cisco 100BASE-ZX SFP operates on ordinary SMF link spans up to 80 km long. GLC-FE-100ZX modules operate in

Fast Ethernet or dual-rate Fast/Gigabit Ethernet ports of Cisco switches and routers.

Specifications

- Product Number: GLC-FE-100ZX
- SFP Type: 100BASE-ZX
- Connectors: Dual LC connector
- Wavelength: 1550nm
- Fiber Type: SMF
- Cable Distance: 80 km (262,480 ft)
- Transmit (dBm)
    - Maximum: 2
    - Minimum: -3
- Receive (dBm)
    - Maximum: -8
    - Minimum: -30
- Dimensions (H x W x D): 8.5 x 13.4 x 56.5 mm
- 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: up to 1W per port

Platform Support

- 1900 Series Integrated Services Router - EHWIC-1GE-SFP-CU

- ME 6500 Series - ME-C6524GS-8S
- ME 3400 - ME-3400-24TS-D
- 2500 Connected Grid Switch Series - CGS-2520-24TC
- 1921 Series Router EHWC-1GE-SFP-CU
- IE2000 Series - IE-2000-4TS-L
- ME 3400 - ME-3400-24CS-A

- Catalyst 6500 Series - WS-X6148-FE-SFP
- IE2000 Series - IE-2000-16TC-G-E
- 2000 Connected Grid Router Series - CGR 2010
- 3900 Series Integrated Services Router - Cisco 3945E
- IE3010 Series Switch - IE-3010-16S-8PC
- 2900 Series Integrated Services Router - HWIC-1GE-SFP
- IE2000 Series - IE-2000-16TC-G-X
- IE2000 Series - IE-2000-16TC-G-N
- ME 3400 - ME-3400EG-12CS-M
- 1941 Series Router HWC-1GE-SFP
- IE2000 Series - IE-2000-8TC-L
- ME 3400 - ME-3400E-24TS-M
- ME 3400 - ME-3400-24FS-A
- 3900 Series Integrated Services Router - Cisco 3945
- 3900 Series Integrated Services Router - Cisco 3925E
- IE2000 Series - IE-2000-16TC-B
- IE2000 Series - IE-2000-4TS-B
- IE2000 Series - IE-2000-8TC-B
- 2500 Connected Grid Switch Series - CGS-2520-16S-8PC
- ME 3400 - ME-3400G-12CS-D
- ME 3400 - ME-3400EG-2CS-A
- ME 3400 - ME-3400-24TS-A
- ME 3400 - ME-3400G-2CS-A
- ME 3600X - ME-3600X-24FS-M (client ports)
- ME 3800X - ME-3800X-24FS-M (client ports)
- IE2000 Series - IE-2000-16TC-L
- ME 6500 Series - ME-C6524GT-8S
- IE2000 Series - IE-2000-16TC-G-L
- ME 3400 - ME-3400G-12CS-A

Regulatory and Standards Compliance

Safety

- Laser Class 1 21CFR1040 LN#50 7/2001
- Laser Class I IEC 60825

Standards

- IEEE 802.3u
- IEEE 802.3z
- IEEE 802.3ah
- GR-20-CORE: Generic Requirements for Optical Fiber and Optical Fiber Cable
- GR-326-CORE: Generic Requirements for Single-Mode Optical Connectors and Jumper Assemblies
- GR-1435-CORE: Generic Requirements for Multifiber Optical Connectors
- RoHS 5

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