

Moxa SFP-1GSXLC Datasheet



Moxa SFP-1GSXLC SFP module with 1 1000BaseSX port with LC connector for 300m/550m transmission, 0 to 60°C operating temperature

SFP-1GSXLC

Moxa's small form-factor pluggable transceiver (SFP) Ethernet fiber modules for Gigabit Ethernet provide coverage across a wide range of communication distances.

Specifications

- Part Number: SFP-1GSXLC
- Product Type: SFP-1G Series
- Product: SFP module with 1 1000BaseSX port with LC connector for 300m/550m transmission, 0 to 60°C operating temperature
- Ethernet Interface
 - Ports: 1
 - Connectors: Duplex LC connector
 - Transceiver Type: Multi-Mode
 - Fiber Cable Type: OM1, OM2
 - Typical Distance: 300m @ OM1, 550m @ OM2
 - Wavelength
 - Typical (nm): 850
 - TX Range (nm): 830 to 860
 - RX Range (nm): 770 to 860

- Optical Power
 - TX Range (dBm): -4 to -9.5
 - RX Range (dBm): 0 to -18
 - Link Budget (dB): 8.5
 - Dispersion Penalty (dB): 4.3 @ OM1, 3.6 @ OM2
- Typical Distance: To reach the typical distance of specified fiber transceiver, please refer to formula: Link budget(dB) > dispersion penalty(dB) + total link loss(dB)
- Power Parameters
 - Power Consumption: Max. 1 W
- Environmental Limits
 - Operating Temperature: 0 to 60°C (32 to 176°F)
 - Storage Temperature (package included): -40 to 85°C (-40 to 185°F)
 - Ambient Relative Humidity: 5 to 95% (non-condensing)
- Standards and Certifications
 - Safety: CE, FCC, TUV, UL 60950-1
 - Maritime: DNV-GL

For more information of this Moxa SFP-1GSXLC, please visit Moxa website:

<https://www.moxa.com/en/products/accessories/sfp-modules/gigabit-ethernet-sfp-modules/sfp-1g-series/sfp-1gsxlc>

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