

# Moxa SFP-1FELLC-T Datasheet



Moxa SFP-1FELLC-T SFP module with 1 100Base single-mode with LC connector for 80 km transmission, -40 to 85°C operating temperature

SFP-1FELLC-T

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

## Specifications

- Part Number: SFP-1FELLC-T
- Product Type: SFP-1FE Series
- Product: SFP module with 1 100Base single-mode with LC connector for 80 km transmission, -40 to 85°C operating temperature
- Ethernet Interface
  - Ports: 1
  - Connectors: Duplex LC connector
  - Transceiver Type: Single-mode
  - Fiber Cable Type: G.652
  - Typical Distance: 80 km
  - Wavelength
    - Typical (nm): 1550
    - TX Range (nm): 1530 to 1570
    - RX Range (nm): 1100 to 1600

- Optical Power
  - TX Range (dBm): 0 to -5
  - RX Range (dBm): -3 to -34
  - Link Budget (dB): 29
  - Dispersion Penalty (dB): 1
- Power Parameters
  - Power Consumption: Max. 1 W
- Environmental Limits
  - Operating Temperature: -40 to 85°C (-40 to 185°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-1FELLC-T, please visit Moxa website:

<https://www.moxa.com/en/products/accessories/sfp-modules/fast-ethernet-sfp-modules/sfp-1fe-series/sfp-1fellc-t>

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