

# Moxa SFP-10GLRLC-T Datasheet



Moxa SFP-10GLRLC-T SFP+ module with 1 10GBase-LR port, LC connector for 10 km transmission, -40 to 85°C operating temperature

## SFP-10GLRLC-T

Moxa's small form-factor pluggable transceiver (SFP) Ethernet fiber modules for 10 Gigabit provide coverage across a wide range of communication distances.

## Specifications

- Part Number: SFP-10GLRLC-T
- Product Type: SFP-10G Series
- Product: SFP+ module with 1 10GBase-LR port, LC connector for 10 km transmission, -40 to 85°C operating temperature
- Ethernet Interface
  - Connectors: Duplex LC connector
  - Transceiver Type: Single-mode
  - Fiber Cable Type: G.652
  - Typical Distance: 10km
  - Wavelength
    - Typical (nm): 1310
    - TX Range (nm): 1260 to 1355
    - RX Range (nm): 1260 to 1355
  - Optical Power

- TX Range (dBm): -8.2 to +0.5
- Max. Rx (dBm): +0.5
- Link Budget (dB): 7.4
- Dispersion Penalty (dB): 3.2
- Environmental Limits
  - Operating Temperature: -40 to 85°C (-40 to 185°F). Note: Wide temperature SFP-10G can be used with ICS-G7526A/G7528A/G7826A/G7828A series only. When the SFP-10GZRLC-T used, the operating temperature is -40 to 60°C (-40 to 140°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, IEC 60825-1, UL 62368-1, IEC 62368-1, EN 62368-1

For more information of this Moxa SFP-10GLRLC-T, please visit Moxa website:

<https://www.moxa.com/en/products/accessories/sfp-modules/10-gigabit-ethernet-sfp-modules/sfp-10g-series/sfp-10glrlc-t>

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