

TN-10GSFP-xRx Series

MSA Compliant 10GBase SFP+ Modules

10GBase-X, SFP+ With DMI (LC)



TN-10GSFP-LR1

Features

- SFP+ Optical Transceiver
- 10G Small Form-Factor Pluggable (SFP+) MSA Compliant
- SFF-8472 Digital Diagnostic Function (DDI)
- Single +3.3 V Power Supply
- Up to 10.5 Gbps bidirectional data links
- RoHS Compliant (all models)
- Class 1 Laser International Safety Standard IEC 60825 Compliant
- Compliant with IEEE 802.3ae 10GBase-SR/SW (TN-10GSFP-SR Module Only)
- Link Length up to 300 m with OM3 multimode fiber; 82m with OM2 multimode fiber; 33m with OM1 multimode fiber (TN-10GSFP-SR Module Only)
- Compliant with IEEE 802.3ae 10GBase-LR/LW
- Maximum Link Length of 70KM

Specifications

Standards	IEEE 802.3ae
Data Rates	10.3 Gbps
Dimensions	Width: 0.52" [13 mm] Depth: 2.2" [56 mm] Height: 0.33" [8 mm]
Power Supply	+3.3V
Environment	Operating: 0°C to 70°C Operating: -40°C to +85°C (TN-10GSFP-xxT) Storage: -40°C to 85°C
Compliance	IEC-60825, FAD 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

Ordering Information

Duplex

- *TN-10GSFP-SR**
10GBase-SR/SW, SFP+ with DMI 850nm multimode (LC) [300/82/33 m; 985/269/108 ft.] Link Budget: 2.6 dB
- TN-10GSFP-LR1**
10GBase-LR/LW, SFP+ with DMI 1310nm single mode (LC) [10 km/6.2 mi.] Link Budget: 6.4 dB
- Extended Operating Temperature -40°C to +85°C
- TN-10GSFP-SRT**
10GBase-SR/SW, SFP+ with DMI 850nm multimode (LC) [300/82/33 m; 985/269/108 ft.] Link Budget: 2.6 dB
- TN-10GSFP-LR1T**
10GBase-LR/LW, SFP+ with DMI 1310nm single mode (LC) [10 km/6.2 mi.] Link Budget: 9.0 dB

**Distance up to 300m on 50/125 OM3 multimode fiber, up to 82 m for 50/125 um multimode fiber with model.*

Bandwidth 500 MHz-km at 850nm, and up to 33m for 62.5/125 um multimode fiber with model bandwidth 200 MHzkm at 850nm.