

Mellanox MFM1T02A-T-I Datasheet



Mellanox MFM1T02A-T-I 10GBASE-T SFP+ Copper RJ-45 30m Industrial Optical Transceiver Module

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This Mellanox MFM1T02A-T-I SFP+ transceiver provides 10GBase-T throughput up to 30m over cat6a/cat7 copper cable via RJ-45 connector. This transceiver is compliant with IEEE 802.3an, IEEE 802.3az, SFF-8431 and SFP+ MSA. Featuring an operating temperature range of -40°C to 85°C, this industrial transceiver can work in harsh industrial environments, such as telecommunication, data processing & management, the application of industrial and factory automation, outdoor applications, rail and intelligent transportation systems (ITSs), marine, oil and gas, mining etc.

Specifications

- Brand: Mellanox
- Part Number: MFM1T02A-T-I
- Form Factor: SFP+
- Max Data Rate: 10Gbps
- Power Consumption: $\leq 2.3W$
- Cable Distance: 30m@Cat6a/Cat7 or Better
- Connector: RJ-45
- Cable Type: Copper
- DDM/DOM: Not Supported
- EMC (Electro Magnetic Compatibility): Supported
- Operating Temperature: Industrial Temperature Range -40 to 85°C (-40 to 185°F)
- Protocols: IEEE 802.3an, IEEE 802.3az, SFP+ MSA, SFF-8431

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