

A7845629 | CSFP+, BiDi, TAA



Compact SFP+, 10G BASE, Singlemode, up to 20 km, TAA compliant

- Two Bi-Directional transceivers in one SFP package
- Up to 10.3125Gb/s data links
- Duplex LC connector
- Hot-pluggable SFP footprint
- Uncooled DFB laser transmitter
- RoHS compliant and Lead Free
- Up to 20Km on 9/125um SMF
- Metal enclosure for lower EMI
- Single +3.3V power supply
- Compliant with CSFP MSA 2.0 (Option 2)
- Commercial and industrial operating temperature optional
- Trade Agreements Act (TAA) compliant

Two Bi-Directional transceivers in one SFP package

Product Classification

| | |
|-----------------------|----------------|
| Product Type | Optical module |
| Product Series | CSFP |

General Specifications

| | |
|------------------|--|
| Interface | LC/UPC |
| Note | Detailed Product Specifications are available. Please contact your local CommScope representative. |

Dimensions

| | |
|---------------|--------------------|
| Height | 12 mm 0.472 in |
| Width | 13.9 mm 0.547 in |
| Depth | 56.5 mm 2.224 in |

Optical Specifications

| | |
|--|---|
| Fiber Type | 9/125 μ m, singlemode |
| Average Optical Output Power, maximum | 3 dBm |
| Average Optical Output Power, minimum | -2 dBm |
| Operating Wavelength | 1270 nm (Rx) 1270 nm (Tx) 1330 nm (Rx) 1330 nm (Tx) |
| Receiver Sensitivity, maximum | -13 dBm |
| Receiver Overload | + 0.5 dBm |

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Environmental Specifications

Operating Temperature 0 °C to +70 °C (+32 °F to +158 °F)

Packaging and Weights

Height, packed 20 mm | 0.787 in

Width, packed 105 mm | 4.134 in

Depth, packed 65 mm | 2.559 in

Packaging Type Box

Weight, gross 0.036 mm | 0.001 in

Weight, net 0.022 kg | 0.049 lb

* Footnotes

Receiver Sensitivity, maximum Defined as the minimum received optical signal power at a specific bit-error rate (BER) of 1E-12 @ 10.3125 Gb/s