



KRAMER

OSP-SM10

Optical SM 1310nm 10G SFP+ Transceiver



OSP-SM10 is a fiber optic transceiver for 1310nm singlemode signals. This standard pluggable SFP+ module has two LC connectors for reception and transmission signals over two strands of singlemode optical fiber

FEATURES

Certified Transceiver - Kramer certified, hotpluggable SFP+ optical module, for highquality transmission of 10.2Gbps signal over singlemode fiber cables, connecting 2 simplex singlemode fiber strands via LC AP/UPC connectors



TECHNICAL SPECIFICATIONS

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|---|---|
| PRODUCT DIMENSION: | 1.33cm x 5.70cm x 0.85cm (0.52" x 2.24" x 0.33") W, D, H |
| PRODUCT WEIGHT: | 0.0kg (0.0lbs) approx |
| SHIPPING DIMENSION: | 12.60cm x 8.40cm x 4.10cm (4.96" x 3.31" x 1.61") W, D, H |
| SHIPPING WEIGHT: | 0.1kg (0.1lbs) approx |
| OPTICAL LINE: | Singlemode G.652D compliant OFNR fiber |
| PORTS: | 2strand fiber optic LC(PC/UPC) connector for reception and transmission SFP+ compliant pluggable interface. Note: Do not use with LC(APC) connectors |
| MAX. REACH: | 33Km (20.5 miles) reach over OS1 SM fiber |
| NOMINAL PEAK WAVELENGTH: | 1310nm |
| MAX. DATA RATE: | 10.2Gbps |
| TRANSMITTER TYPE: | DFB |
| OPTICAL TYPICAL TRANSMISSION POWER: | 2.5dBm |
| OPTICAL TYPICAL MAXIMUM RECEIVER SENSITIVITY: | 14.4dBm |
| OPTICAL TYPICAL MAXIMUM LOSS BUDGET: | 11.9dB |
| STANDARDS COMPLIANCE: | IEEE 802.3ae, SFF8431 |
| LASER SAFETY COMPLIANCE: | Laser Class I |
| REGULATORY CERTIFICATIONS: | FDA CDRH 21 CFR 1040 and Laser Notice No. 50, UL and CUL EN609502:2007, RoHS6, EMC EN 55022 and EN 55024 |
| POWER CONSUMPTION: | 1W |
| OPERATING TEMPERATURE: | 0° to 70°C |
| STORAGE TEMPERATURE: | 40° to 85°C |
| HUMIDITY: | 5% to 95% RH |

