



OSP-SM10

Optical SM 1310nm 10G SFP+ Transceiver

| Ethernet - RJ-45



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

FEATURES

Certified Transceiver - Kramer certified, hot-pluggable SFP+ optical module, for high-quality transmission of 10.2Gbps signal over single-mode fiber cables, connecting 2 simplex single-mode fiber strands via LC AP/UPC connectors



TECHNICAL SPECIFICATIONS

OPTICAL LINE:	Single-mode G.652D compliant OFNR fiber
PORTS:	2-strand 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, SFF-8431
LASER SAFETY COMPLIANCE:	Laser Class I
REGULATORY CERTIFICATIONS:	FDA CDRH 21 CFR 1040 and Laser Notice No. 50, UL and CUL EN60950-2:2007, RoHS6, EMC EN 55022 and EN 55024, IEC 62368-1 and IEC 60825-1 and -2
POWER CONSUMPTION:	1W
OPERATING TEMPERATURE:	0° to 70°C
STORAGE TEMPERATURE:	-40° to 85°C
HUMIDITY:	5% to 95% RH
Product Dimensions	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 Dimensions	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

