



KRAMER

OSP-SM10

Optical SM 1310nm 10G SFP+ Transceiver



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.
POWER CONSUMPTION:	1W.
OPERATING TEMPERATURE:	0° to 70°C.
STORAGE TEMPERATURE:	-40° to 85°C.
HUMIDITY:	5% to 95% RH.

