OSP-SM10S is a pair of fiber optic transceivers for 1270/1330nm single-mode signals. These standard pluggable SFP+ optical modules have one LC connector for reception and transmission of signals over one strand of single-mode optical fiber.

**FEATURES**

**Certified Transceiver** - Kramer certified, hot-pluggable, simplex SFP+ optical modules, for high-quality transmission of 10.2Gbps signal over single-mode fiber cable, connecting 1 single-mode fiber strand via LC PC/UPC connector.
**TECHNICAL SPECIFICATIONS**

### General
- **Optical Line**: Single-mode G.652D compliant OFNR fiber
- **Nominal Peak Wavelength**: Module A: 1270 nm transmitter /1330nm receiver
  
  Module B: 1330 nm transmitter /1270nm receiver
- **Max. Data Rate**: 10.2Gbps
- **Transmitter Type**: DFB
- **Optical Typical Transmission Power**: –5dBm
- **Optical Typical Maximum Receiver Sensitivity**: –14dBm
- **Optical Typical Maximum Loss Budget**: 9dB

### Ports
- **1 Optical**: On single-strand LC-connected single-mode fiber
- **Note**: Do not use with LC(APC) cable connectors

### Extension Line
- **Max. Reach**: 20Km (12.4 miles) reach over OS1 SM fiber

### Regulatory Compliance (Standards Compliance)
- **Quality**: IEEE 802.3ae, SFF–8431, SFF–8472
- **Laser Safety**: Laser Class I
- **Safety**: FDA CDRH 1040.10, TUV EN60950–1 and EN60825–1/2, UL and CSA EN60950–1, RoHS, EMC EN 55032 and EN 55024

### Power
- **Consumption**: 1W

### Environmental Conditions
- **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
- **0.1kg (0.1lbs) 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 (0.2lbs) approx