

P1SM10

Small Form-Factor Pluggable (SFP) Single Mode Transceiver



P1SM10

Description

Altronix P1SM10 are hot-pluggable SFP fiber transceiver modules and are readily usable with all Altronix Spectrum fiber optic equipment for 1G transmission rates. The P1SM10 is to be used with Single-Mode Fiber for distances up to 20km. It is recommended to pair (two per fiber link) remote and head-end with same SFP module.

Key Features

- IEEE 802.3a compliant.
- Spans distances up to 20km (12.43 miles)
- Conforms to (SFP) Small Form-Factor Pluggable Multi-Source Agreement (MSA).

P1SM10 Specifications

Altronix Model Number	Rate (bps)	Wave (nm)	TX power (dBm)	RX Sensitivity (dBm)	Maximum Length	Temp. (°C)
P1SM10	1.25G	1310	-22~-3	-10~-3	20km	0° to 70°

Specifications

Standards

Class 1 FDA and IEC60825-1 Laser Safety Compliant.
Compliant with MSA SFP Specification.
Compliant with SFF-8472.

Connector Type

LC Duplex.

Data Rate

Up to 1.25Gbps.

Wave

1310nm FP Laser Transmitter.

Distance

20km with 9/125 µm SMF.

Agency Listings

FCC FCC Compliant
CE European Conformity.
ROHS

Physical and Environmental

Dimensions (L x W x H)

2.25" x 0.5" x 0.625" (57.15mm x 12.7mm x 15.875mm).

Weight (approx.)

Product Weight: 0.00625 lbs. (0.003 kg).
Shipping Weight: 0.09375 lbs. (0.042 kg).

Temperature

Operating: 0°C to 70°C (32°F to 158°F).
Storage: -40°C to 85°C (-40°F to 185°F).

Relative Humidity

85% +/-5%.