

# P1AB2K

## Small Form-Factor Pluggable (SFP) Single-Mode Transceiver Kit

### Description

Altronix P1AB2K kit includes 1 P1A2K and 1 P1B2K hot-pluggable Bi-Directional single strand SFP fiber transceiver modules and are readily usable with all Altronix NetWay Spectrum fiber optic equipment for 1G transmission rates at distances up to 2km. For use in new or retrofit applications where single strand fiber exists.



P1A2K / P1B2K

### Key Features

- Spans distances up to 2km (6561 ft.)
- Conforms to (SFP) Small Form-Factor Pluggable Multi-Source Agreement (MSA).

### P1AB2K Specifications

Altronix Model Number	Rate (bps)	Wave (nm)	TX power (dBm)	RX Sensitivity (dBm)	Maximum Length	Temp. (°C)
P1A2K	1.25G	BIDI	1550nm	1310nm	2km	0° to 70°
P1B2K			1310nm	1550nm		

### Specifications

#### Standards

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

#### Connector Type

Hot-Pluggable SFP Footprint Simplex SC/LC Connector Interface.

#### Data Rate

Up to 1.25Gbps.

#### Wave

Bi-Directional (BIDI).

#### Distance

2km 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%.