

SFP Module

Datasheet

SM321B

1000Base-BX WDM Bi-Directional SFP Module



Highlights

- WDM Bi-Directional SFP Module
- Supports WDM Bi-Directional technology, using a single strand of fiber, cost saving

Overview

SM321B adopts the latest standard 1000Base-BX, transmitting over a single strand of fiber with one different wavelength going in each direction. You can extend the network distance up to 20Km with TP-Link's routers, switches and media converters to provide high speed and stability.

Specifications

Hardware Features & Performance

Model		SM321B
General	Standards and Protocols	IEEE 802.3z, TCP/IP
	Wave Length	<ul style="list-style-type: none">• TX: 1310 nm• RX: 1550 nm
	Dimensions (W*D*H)	2.2*0.5*0.5 in (55.4*13.7*12.9 mm)
	Power Supply	3.3V
	Safety & Emission	FCC, CE
	Cable	Single-mode fiber
	Fiber Type	9/125 μm single-mode
	Max. Cable Length	20 km
	Data Rate	1.25Gbps
	Port Type	LC Simplex
	Hardware Features	<ul style="list-style-type: none">• DDM• SFP-MSA• Hot Swappable
	Max. Laser Output Power	0.501 mW (-3 dBm)
Physical & Environment	Operating Temperature	0 °C to 70 °C (32 °F to 158 °F)
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating Humidity	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing