

SFP Module

Datasheet

SM321A

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

SM321A 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 routers, switches and media converters to provide high speed and stability.

Specifications

Hardware Features & Performance

Model		SM321A
General	Standards and Protocols	IEEE 802.3z, TCP/IP
	Wave Length	<ul style="list-style-type: none">• TX: 1550 nm• RX: 1310 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