

AT-SP3BD20-13/I and AT-SP3BD20-14/I

2.5 Gigabit Small Form Factor Pluggables

The Allied Telesis SP3 Series offers the latest industry standard in flexible, small form factor 2.5 Gigabit Ethernet connectivity. These hot-swappable, optical interfaces simply plug into an SFP slot on Allied Telesis SFP-compatible products for simple migration to 2.5Gbps data rates.

Options

The SP3 Series has a 20 km link distance. The hot-swappable feature of the SP3 Series allows for network changes without necessarily having to remove or reconfigure costly network equipment. Simply change the SFP to meet the new transport demands.

Interoperability

Allied Telesis SFPs fully comply with industry-standard networking regulations. This compliance allows Allied Telesis SFP modules to be used on any networking equipment which complies with industry standards.

Compatibility

The Allied Telesis SP3 Series is compatible with all Allied Telesis products that support 2.5 Gigabit uplink and transport capability.

Key Features

- ▶ 2.5Gbps data rate
- ▶ Compact size
- ▶ Flexible architecture
- ▶ Hot-swappable
- ▶ RoHS compliant
- ▶ Compliant to SFP Electrical MSA
- ▶ Standard LC fiber-optic connector
- ▶ Digital optical monitoring
- ▶ Two-year warranty*

*Warranties may be region specific. For local warranty periods, please visit alliedtelesis.com/support or contact your local sales office.

MODEL	MEDIA/CONNECTOR TYPE	WAVELENGTH	MAXIMUM DATARATE	DISTANCE
AT-SP3BD20-13/I	SMF/LC	1310 nm Tx / 1490 nm Rx	2.5Gbps	20 km
AT-SP3BD20-14/I	SMF/LC	1490 nm Tx / 1310 nm Rx	2.5Gbps	20 km

Specifications

Environmental

Operating temperature	-40°C to 85°C (-40°F to 185°F)
Operating humidity	0 to 85% non-condensing
Storage temperature	-40°C to 85°C (-40°F to 185°F)
Storage humidity	0 to 85% non-condensing

Optical Characteristics

Parameter	Min.	Typ	Max.	Unit
Transmit	-5		0	dBm
Receive sensitivity	-20		0	dBm

Digital diagnostics	Yes
Fiber connectors	LC

Power Consumption

<1.05W

Compliance

RoHS
SFP
MSA
SONET / SDH
Class 1 Laser Products
EN60825
EN60950

Ordering Information

AT-SP3BD20-13/I

1310 Tx / 1490 Rx 20 km SFP

AT-SP3BD20-14/I

1490Tx / 1310 Rx 20 km SFP