



## AT-SPBD10

### Small Form Pluggable (SFP) Modules

#### AT-SPBD10-13

10km, 1000LX SFP, Bi-Di

#### AT-SPBD10-14

10km, 1000LX SFP, Bi-Di

#### Industry Standard

The AT-SPBD10 offers the latest industry standard in flexible, full-duplex Gigabit Ethernet connectivity. These hot-swappable, fiber interfaces simply plug into a SFP slot on Allied Telesis SFP compatible products. Configurations can be optimized to meet varied distance and service requirements.

#### Options

The AT-SP series offers short-haul and long-haul solutions. From the inexpensive AT-SPSX to the far-reaching AT-SPZX80, you have the option to extend your network to the distances that meet your performance needs.

#### Product Compatibility

The AT-SP series SFPs are compatible with all the Allied Telesis range of products that support SFP uplink connections.

#### Key Features

- Fiber solutions
- Connect up to 10km
- Compact size
- Flexible architecture
- Plug & Play ease-of-use
- Self-locking mechanism

# AT-SPBD10 | Small Form Pluggable (SFP) Modules

## Specifications

Model	Media Type	Wavelength	Transmit		
			Max. Data Rate	Operating Temp	Distance
AT-SPBD10-13	SMF	1310Tx/1490Rx	1.25Gbps	-5 to 75°C	10km
AT-SPBD10-14	SMF	1490Tx/1310Rx	1.25Gbps	-5 to 75°C	10km

## Technical Specifications

### AT-SPBD10-13

#### Environmental

Operating temperature	-5 to 75°C
Operating humidity	0 to 85%
Storage temperature	-40°C to +85°C
Storage humidity	0 to 85% non-condensing

#### Optical Characteristics

Wavelength	Tx=1310nm Rx=1490nm			
Parameter	Min.	Typ	Max.	Unit
Transmit	-9		-3	dBm
Receive sensitivity			-18.7	dBm
Power budget			9.7	dBm
Digital diagnostics	Yes			

### AT-SPBD10-14

#### Environmental

Operating temperature	-5 to 75°C
Operating humidity	0 to 85%
Storage temperature	-40°C to +85°C
Storage humidity	0 to 85% non-condensing

#### Optical Characteristics

Wavelength	Tx=1490nm Rx=1310nm			
Parameter	Min.	Typ	Max.	Unit
Transmit	-9		-3	dBm
Receive sensitivity			-18.7	dBm
Power budget			9.7	dBm
Digital diagnostics	Yes			

## Ordering Information

AT-SPBD10-13  
10km, 1000LX SFP, 9 micron  
(Tx=1310nm, Rx=1490nm)

AT-SPBD10-14  
10km, 1000LX SFP, 9 micron  
(Tx=1490nm, Rx=1310nm)

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