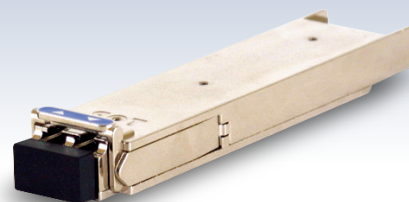


XP Series

10Gigabit Small Form-factor Pluggables

The Allied Telesis XP Series offers the latest industry-standard 10Gigabit Ethernet connectivity in a flexible, small form-factor.



Industry Standard

The XP Series offers the latest industry-standard 10Gigabit Ethernet connectivity in a flexible, small form-factor. These hot-swappable optical interfaces simply plug into an XFP slot in any compatible Allied Telesis product for simple migration to 10Gbps data rates.

Options

The XP Series offers both short- and long-haul solutions. The hot-swappable feature of the XP Series allows for

network changes without necessarily having to remove or reconfigure costly 10GbE network equipment. Simply change the XFP to meet the new transport demands.

Product Compatibility

The XP Series of XFPs are compatible with the entire range of Allied Telesis products that support XFP uplink connections.

Key Features

- ▶ 10 Gbps data rate
- ▶ Single-mode solutions
- ▶ Compact size
- ▶ Flexible architecture
- ▶ Hot swappable

MODEL	MEDIA TYPE	WAVELENGTH	TRANSMIT	
			MAXIMUM DATARATE	DISTANCE
AT-XPER40	SMF	1550 nm	10.3Gbps	40 km
AT-XPER80	SMF	1550 nm	10.3Gbps	80 km
AT-XPLR	SMF	1310 nm	10.3Gbps	10 km
AT-XPSR	MMF	850 nm	10.3Gbps	-

Optical Characteristics

MODEL	TRANSMIT	RECEIVE SENSITIVITY	OVERLOAD (SATURATION)	LINK POWER BUDGET
AT-XPER40	-4.7 to 4 dBm	-14.4 dBm	-1	9.4
AT-XPER80	-1 to 4 dBm	-24 dBm	-7	23
AT-XPLR	-8.2 to 0.5 dBm	-12.6 dBm	0.5	4.4
AT-XPSR	-5 to -1.8 dBm	-11.1 dBm	-	-

Digital diagnostics: Yes
Fiber connectors: LC

Power Consumption

Power consumption: <3.5W (AT-XPER40 and 80)
<2.5W (AT-XPLR)
<1.37W (AT-XPSR)

Environmental

Operating temperature: -5°C to 70°C (-23°F to 158°F)
Operating humidity: 5 to 85% non-condensing
Storage temperature: -40°C to 85°C (-40°F to 185°F)
Storage humidity: 0 to 85% non-condensing

Ordering Information

AT-XPER40
1550 nm, 40 km, single-mode fiber

AT-XPER80
1550 nm long-haul (80 km with SMF)

AT-XPLR
1310 nm medium-haul (10 km with SMF)

AT-XPSR
850 nm short-haul (300 m with MMF)