

Linksys SFP/SFP+ Transceiver Module



LACGSX



LACXGSR



LACGLX



LACXGLR

Key Features

- Up to 10 Gbps connection speed
- Easy to configure and operate
- Plug and play
- Hot swappable
- 5-year warranty

Extend Ethernet range without sacrificing performance or reliability.

Businesses are looking for a cost-effective way to expand and connect their networks as their organization grows. Typical Ethernet connections using RJ45 become unreliable at longer distances, and managing them can be difficult and costly.

The Linksys SMB **SFP/SFP+ (Small Form-Factor Pluggable)** transceiver modules are accessories for smart and managed switches that can extend the connection distance beyond the 100-meter limit of the RJ45 port—up to 10 kilometers for single-mode modules and 300 to 500 meters for multi-mode modules. This simple, universal, plug-and-play module accessory for Linksys and compatible switches will allow customers to build a fast, reliable backbone between servers and buildings. Linksys SFP/SFP+ modules offer IT administrators the most reliable and cost-effective solution to managing RJ45 networks over great distances.

Linksys SFP/SFP+ Transceiver Module

Specifications

Part Number	LACGSX	LACGLX	LACXGSR	LACXGLR
Description	1000base-SX: 1 Gbps, up to 500 m, for MMF optical fiber	1000base-LX: 1 Gbps, up to 10 km, for SMF optical fiber	10Gbase-SR: 10 Gbps, up to 300 m, for MMF optical fiber	10Gbase-LR: 10 Gbps, up to 10 km, for SMF optical fiber
Transmitter	VCSEL	FP Laser	VCSEL	DFB Laser
Wavelength	850 nm	1310 nm	850 nm	1310 nm
Optical Power (dBm)	-9.5 ~ -3	-9 ~ -3	-7 ~ -1	-6 ~ -1
Receiver	PIN-TIA	PIN-TIA	PIN-TIA	PIN-TIA
Sensitivity (dBm)	< -18	< -21	< -11.2	< -12.5
Distance	500 m	10 km	300 m	10 km
Operating Temperature	0°C ~ +70°C	0°C ~ +70°C	0°C ~ +70°C	0°C ~ +70°C
Voltage	3.3V	3.3V	3.3V	3.3V