

SFP+ Transceiver Kit

For greater flexibility, Net Optics products use industry standard 10 Gigabit Small Form Factor Pluggable (SFP+) transceiver modules. This functionality enables end users to tap into different network media and deploy different types of monitoring tools depending on the application. SFP+ modules provide 10 Gigabit link speed in a package that is form and fit compatible with 1 Gigabit SFP modules.

Link Lengths

Net Optics SFP+ modules support the following maximum lengths for network links.

SFP+ Type	Fiber Grade	Maximum Link Length
SR	OM3	300 meters
SR	OM2	82 meters
SR	OM1	33 meters
LR		10 kilometers guaranteed, 25 kilometers typical

Passive, Secure Technology

- All needed cables included
- RoHS Compliant
- Designed for industry-standard, MSA-compliant 10 Gigabit Small Form Factor Pluggable (SFP+) Ports
- Compatible with IEEE 802.3ae
- Hot-pluggable
- Low power, high performance
- Single +3.3 V power supply operation



Technical Specifications:

Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -10°C to 70°C

Relative Humidity: 10% min, 95% max, non-condensing

Fiber Optic Interface:

Connector: Class 1, eye-safe, laser emitter type. These Class 1 Lasers conform to the applicable requirements per US 21 CFR (J) and EN 60825-1, also UL 1950 applications.

Multimode, SR:

Optical Transmitter Wave Length: 850nm nominal

Output Power: -5dBm min, -1dBm max

Optical Receiver Input Sensitivity: -11.1 dB max

Singlemode, LR:

Optical Transmitter Wave Length: 1310nm nominal

Output Power: -8.2dBm min, +0.5dBm max

Optical Receiver Input Sensitivity: -12.6 dB max

Fiber Cable Interface:

Wavelength: 850nm, 1310nm, or 1550nm

Fiber Type: Corning Multimode 50 or 62.5/125µm
Corning Singlemode 8.5/125µm

Certifications:

Fully RoHS compliant

Part Number	Description
SFP+KT-SR	Multimode Fiber SFP+ 62.5µm w/ cable
SFP+KT-50SR	Multimode Fiber SFP+ 50µm w/ cable
SFP+KT-LR	Singlemode Fiber SFP+ 1310nm w/ cable

All products include a 1 year manufacturer's warranty.

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