

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 cages.

Link Length at 10Gbps

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

SFP+ Type	Fiber Grade	Maximum Link Length (Industry standard figures)
SR	OM4	550 meters
SR	OM3	300 meters
SR	OM2	82 meters
SR	OM1	33 meters
LR		10 kilometers guaranteed
ER		40 kilometers

Passive, Secure Technology

- Cable 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



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 Type: Duplex LC

Multimode, SR:

Optical Modulation Amplitude: -1.5dBm (typ)

Average Launch Power: -5dBm (min) -1dBm (max)

Receiver Sensitivity: -11.1dBm (max)

Single Mode, LR:

Optical Modulation Amplitude: -5.2dBm (min)

Average Launch Power: -8.2dBm (min) +0.5dBm (max)

Receiver Sensitivity: -12.6dBm (max)

Single Mode, ER:

Optical Modulation Amplitude: -1.7dBm (typ)

Average Launch Power: -4.7dBm (min) +4.0dBm (max)

Receiver Sensitivity: -14.1dBm (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, comes with OM1 fiber
SFP+KT-50SR	Multimode Fiber SFP+ 50µm w/ cable, comes with OM3 fiber
SFP+KT-LR	Single Mode Fiber SFP+ 1310nm w/ cable, comes with 8.5µm fiber
SFP+KT-ER	Single Mode Fiber SFP+ 1550nm w/ cable, comes with 8.5µm fiber

All products include a 1 year manufacturer's warranty.