RS1004K-1F

OPTICAL CONVERTER



- 4-Port Gigabit RJ45 + SC BiDi Single Fiber
- Equipped with 4×10/100/1000Mbps RJ45 ports and 1×1000Mbps SC fiber port, this Gigabit fiber media converter enables stable copper-to-fiber conversion through a single optical fiber.
- SC BiDi Single Fiber with A/B Pair
- Supports SC BiDi single-mode single-fiber transmission with TX1310nm/RX1550nm (A) and TX1550nm/RX1310nm (B). A/B units are used as a matched pair for bidirectional optical communication.
- 3km Standard, Custom Transmission Distance
- The standard Gigabit version supports 3km transmission, while 10km, 20km and other transmission distances can be customized according to project requirements and optical module specifications.
- Flexible Power Options & Reliable Performance
- The standard version supports DC 5-12V power input, while PoE-powered versions are also available as a customization option. With 8Gbps bandwidth, 2K MAC address table, 128KB buffer and ±4KV lightning protection, it provides reliable network transmission.
- OEM ODM Fiber Network Equipment Manufacturer
- As a professional fiber media converter manufacturer, we support OEM ODM customization including PoE power supply, transmission distance, optical wavelength, logo, housing and packaging, with flexible solutions for distributors, system integrators and network projects.

Product Name	4-Port Gigabit RJ45 + 1-Port Gigabit SC BiDi Media Converter
Type	Non-POE
Port	4*10/100/1000Mbps RJ45 port 1*1000Mbps Fiber
Wavelength	TX1310nm / RX1550nm (A) TX1550nm / RX1310nm (B)
Pair Type	A/B Pair

Standard Protocol	IEEE 802.3 / IEEE 802.3u / IEEE 802.3ab / IEEE 802.3x
The power supply	DC 5-12V
Conversion mode	Store-and-Forward
Bandwidth	8 G
MAC address	2K
Buffer space	128KB
Lightning Level	±4KV
Operating Environment	Operating Temp: - 15℃~55℃; Storage Temp: -40℃~70℃ Operating Humidity: 10%~90% RH; Storage Humidity: 5%~90% RH, non-condensing
Transmit distance	Single Mode Single Fiber SC: 3km / 10km / 20km (Optional)
Size (L*W*H)	95*70*26 155*105*75mm
Weight (SET)	0.18 / 0.52Kg