RS1002K-1F

OPTICAL CONVERTER



- 2-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	Gigabit 2 GE 1 FIBER Fiber Ethernet Converter
model	RS1002K-1F

Port	2*10/100/1000Mbps RJ45 port 1*1000Mbps Fiber SM/MM
Wavelength	1310nm/1550nm SM; 850nm/1310nm MM
Connector	Single SC/UPC
Transmission Rate	self-adaptive 10/100/1000M
The power supply	DC 5V/2A
Fiber Type	SM/MM
Number of optical fiber ports	1
distance	3~120km SM;2km MM
Working temperature	-20 ~ 75° C
Relative humidity	5% ~ 90%
size(L*W*H) (mm)	95*70*27mm
N.W （ kg ）	0.5kg