# RS1001K-1F-mini

**OPTICAL CONVERTER**




- 1×SC Fiber + 1×RJ45 Port: Converts between 1000Mbps fiber and copper networks.
- 1000Mbps Single-Mode Transmission: 1310nm wavelength supports stable links up to 3km over single-mode fiber.
- Compact & Durable: 6.9×3.7×2.2cm metal housing, ideal for space-limited deployments.
- Wide Operating Temp: -20°C to +70°C, reliable in harsh environments.
- Plug-and-Play: DC 5V powered, no configuration required. Full Compliance: CE/FCC/RoHS/ISO9001 certified.

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| **Product Name** | Mini 1-Port Gigabit RJ45 + 1-Port Gigabit SC BiDi Media Converter |
| **Type** | Non-POE |
| **Port** | 1*10/100/1000Mbps RJ45 port<br>1*1000Mbps Fiber SC |
| **Wavelength** | TX1310nm / RX1550nm (A)<br>TX1550nm / RX1310nm (B) |
| **Pair Type** | A/B Pair |
| **Power Supply** | DC 5–12V wide voltage |
| **Standard Protocol** | IEEE 802.3 / IEEE 802.3u / IEEE 802.3ab / IEEE 802.3x |
| **Conversion mode** | Store-and-Forward |

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| **Operating Environment** | Operating Temp: - 15℃~55℃;<br>Storage Temp: -40℃~70℃<br>Operating Humidity: 10%~90% RH;<br>Storage Humidity: 5%~90% RH, non-condensing |
| **Transmit distance** | Single Mode Single Fiber SC: 3km / 10km / 20km (Optional) |
| **size(L*W*H)** | 69*27*37mm |