

MICROMC-1GSC20K - 314009



**Micro media converter, from 10/100/1000Base-Tx to 100/1000Base-Fx SC, single-mode, 20 km.**

## DESCRIPTION

Micro media converter, from 10/100/1000Base-Tx to 100/1000Base-Fx SC, single-mode, 20 km.



## KEY STRENGTHS

- 1-port 10/100/1000BASE-T RJ45 with auto MDI / MDI-X function
- 1 SC Port, 100Base-FX or 1000Base-X dual mode (auto detection)
- Micro type design
- USB-powered for portability, 5VDC power input
- Supporting full-duplex and half-duplex and its auto-sensed
- Support 9k jumbo frame
- Supporting auto-sense of MDI/MDI-X, facilitating system commissioning and installation
- Options in single mode dual fiber, multi-mode dual fiber, and single mode in single fiber



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## SPECIFICATIONS

| REFERENCE               | MICROMC-1GSC20K  |
|-------------------------|--|
| Code                    | 314009   |
| Parameter               | Specifications   |
| Access mode             | 10/100/1000Mbps Gigabit Ethernet   |
| Standard                | IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet, IEEE802.3ab 1000Base-T , IEEE802.3z 1000Base-SX/LX Gigabit Ethernet   |
| Fiber Port              | 1 SC Fiber Port, 100Base-FX or 1000Base-X dual mode (auto detection)   |
| Wavelength              | 850nm/1310nm/1550nm  |
| Transmission distance   | multi-mode Dual-fiber: 220m (62.5/125µm) /550m (50/125µm)<br>single mode Dual-fiber: 20/40/60/80 Km<br>single mode Single fiber: 20/40/60/80 Km<br>Category-5 twisted pairs: 100m                        |
| Port                    | One RJ45 port: for connecting with STP/UTP cat5/6 twisted pairs One optical port: Multi-mode Dual-fiber: SC (50, 62.5/125µm) Single mode Dual-fiber: SC (9/125µm) Single mode Single fiber: SC (9/125µm) |
| Conversion means        | Media conversion   |
| LFP                     | Not Support  |
| BER                     | <10 <sup>-9</sup>  |
| MTBF                    | 100,000 hours  |
| LED indicator           | PWR (Power supply)<br>TX (LINK100/1000, TP cable rate 100/1000M)<br>FX/ACT (Optical link action /TP cable packet forwarding action)  |
| Power supply            | DC 5V (Type-C)   |
| Power consumption       | 3W   |
| Operating temperature   | 0~45°C   |
| Operating humidity      | 5%~90%   |
| Maintaining temperature | -40~70°C   |
| Maintaining humidity    | 5% ~ 90% non-condensing  |
| Dimensions (W x D x H)  | 62 x 44 x 18 mm  |