

CTS-RC0202-A/B-SCB

1-port 10/100Base-TX RJ45 to

1-port 100Base-Fx/SC Simplex Singlemode Fiber Bidi, 20Km, Media Converter



Feature and Descriptions

- 10/100Mbps auto-sensed, easily upgrade
- Full-duplex and half-duplex auto-sensed
- MDI/MDI-X Auto Negotiation
- 10/100Mbps store-and-forward
- Supporting extra-long packets up to 1600 bytes
- Supporting VoIP /QoS packets
- Support flow control and reduce broadcast packets
- Supporting STP to form a redundant network
- Extremely low power consumption, low heat, stable performance
- Providing Desktop, Wall-mounted, Chassis installation

Application

- Network Communication
- FTTH / FTTB / FTTx
- ISP Backhaul Networking

10/100M Fiber Media Converter translates the signal from a twist-pair 10/100Base-TX cable to 100Base-FX fiber optic cable, extends data transmission distance from 100m via copper cables to 20km by fiber optic cable

Specification

Descriptions

Standards	IEEE802.3 10BaseT IEEE802.3u 100BaseT(X) IEEE802.3x Flow control and back pressure IEEE802.1d Spanning Tree
Performance	Processing Type: Store and Forward Back Bandwidth: 400Mbps MAC Address Size: 4Kbit Packet Buffer Size: 512Kbit Time Delay: <10us Frame: 1600bytes
Copper Port	Data Rate: 10/100M Connector: RJ45 Distance: 100m
Fiber Port	Data Rate: 155M Connector: SC Distance: SMF 20km, Bidi Wavelength A: Tx1310nm/Rx1550nm, Wavelength B: Tx1550nm/Rx1310nm
LED indicators	FL/A (optical link/action) TL/A (twisted pairs link/action) FDX (FX full duplex) 100 (100M transmission rate of twisted pairs) PWR (power supply)
Power supply	Working power: DC5V 1A External
Environment	Operating temperature: -20~65°C Storage Temperature: -40~85°C Relative Humidity: 5~95% (no condensation)
Physical Characteristics	Installation: Desk-top, wall mounting, Chassis Dimension: 94*70*26mm (External power supply) Weight: 0.4kg (External power supply)



Order Part Number as Below:

Part Number.

Descriptions

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| CTS-RC0202-A-SCB | 1-port 10/100Base-TX RJ45 to 1-port 100Base-Fx/SC Simplex Singlemode Fiber, 20Km, Bidi Wavelength Tx1310nm/Rx1550nm, Media Converter |
| CTS-RC0202-B-SCB | 1-port 10/100Base-TX RJ45 to 1-port 100Base-Fx/SC Simplex Singlemode Fiber, 20Km, Bidi Wavelength Tx1550nm/Rx1310nm, Media Converter |