

CTG-SC0202-020

1-port 10/100/1000Base-Tx(RJ45) to
1-port 1000Base-FX/SC,SM 1310nm Duplex Fiber, 20Km. media converter



Product Description:

CTG-SC0202-020 Serial 10/100/1000M Fiber Media Converter translates the signal from a twist-pair 10/100/1000Base-TX cable to 1000Base-FX fiber optic cable, extends data transmission distance from 100m via copper cables to 100km by fiber optic cable

Products Features:

- 10/100/1000Mbps auto-sensed, easily upgrade
- Full-duplex and half-duplex auto-sensed
- MDI/MDI-X Auto Negotiation
- 10/100/1000Mbps store-and-forward
- Packet size up to 1916bytes
- 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

Product specifications:

Technical Indexes	Specifications
Standards	IEEE802.3 10BaseT IEEE802.3u 100BaseT(X) IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX IEEE802.3x Flow control and back pressurem, IEEE802.1d Spanning Tree
Performance	Processing Type: Store and Forward Back Bandwidth: 4Gbps MAC Address Size: 16Kbit Packet Buffer Size: 1Mbit Time Delay: <10us Frame: 1916bytes
Copper Port	Data Rate: 10/100/1000M Connector: RJ45 Distance: 100m
Fiber Port	Data Rate: 1000M Connector: SC as default, FC/ST/LC(SFP slot) Optional Distance: MMF 2km,SMF 20/40/80/100/120km, Bi-di:20/40/80/100/120km
LED indicators	FX (Fiber link is in correct connection) FL/A (optical link/action) TL/A (twisted pairs link/action), FDX (FX full duplex) 100 (100M transmission rate of twisted pairs), 1000 (1000M transmission rate of twisted pairs) PWR (power supply)
Power supply	Working power: DC5V 2A AC Power Supply: 100V~ AC240V to 5V2A External / Internal Power Supply Optional
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)

by order:

CTG-SC0202-550 1- ports RJ45 10/100/1000Mbps to 1-SC port MMF:850nm, 550km
CTG-SC0202-T 1- ports RJ45 10/100/1000Mbps to 1-SC port Bi-di SMF:1310Tx/1550Rx,20km
CSM-LC0202-R 1- ports RJ45 10/100/1000Mbps to 1-SC port Bi-di SMF:1550Tx/1310Rx,20km