



transceivers & converters

Media Converter



DMC-515SC

10/100Base-TX to 100Base-FX SC Single-mode Smart Media Converter (15km)

These converters convert 10/100Mbps 10BASE-T/100BASE-TX Fast Ethernet twisted-pair signals to 100BASE-FX Ethernet single-mode fiber signals. Maximum fiber cable distance is 15 - 60 km. 1 RJ-45 twisted-pair port and fiber ports (SC connector) are provided.

DMC-515SC: this media converter supports maximum 15km fiber cable distance.

Media Converter Features

- One-channel media conversion between 10BASE-T/100BASE-TX and 100BASE-FX
- Fiber SC connector
- Auto negotiation of speeds and duplex modes on twisted-pair port
- Auto MDI-II and MDI-X
- One slide switch for configuring fixed half/full duplex modes
- Store-and-forward mechanism
- Back-pressure & IEEE 802.3x Flow Control compliant
- Full wire-speed forwarding rate
- Front panel status LEDs
- Can be used as a stand-alone device or with chassis
- Hot-swappable when used with chassis

Technical Specifications

LED Indicators

- Power
- 100Mbps Speed (for twisted-pair port)
- Full Duplex/Collision (for twisted-pair and fiber ports)
- LINK/ACT (for twisted-pair port)

Dimensions

- 120 x 88 x 25 mm

Power Input

- 7.5V 1.5A
- Through external AC power adapter

Operation Temperature

- 0 - 40° C

Storage Temperature

- 25 - 70° C

Humidity

- 10 ~ 90% non-condensing

Emission (EMI) - FCC Class B

- VCCI Class B
- CE Class B
- C-Tick