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Building Networks for People

Product Highlights

The DMC-F02SC is a standalone media converter designed to convert a twisted-pair 10/100Base-TX Fast Ethernet connection to a multi-mode fiber 100Base-FX Fast Ethernet connection to extend a connection distance (up to 2 km) between two devices. This media converter is equipped with one RJ-45 for twisted-pair and one fiber optic SC port.

DMC-F02SC

10/100Base-TX to 100Base-FX SC Multi-Mode Media Converter (2 km)

Technical Specifications

Hardware

Interfaces	• 1 x 10/100Base-TX port	• 1 x 100Base-FX SC port
LEDs	• PWR • Link/Act (SC)	• Link/Act (RJ-45)

Certifications

Safety	• LVD
EMI/EMC	• CE Class B

Functionality

Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX	• IEEE 802.3u 100Base-FX • Auto MDI/MDIX adjustment for copper port

Physical Parameters

Dimensions (L x W x H)	• 70.5 x 93.5 x 26 mm
Weight	• 134 g

Environmental Conditions

Power Supply	• 5 V DC, 0.55 A power adapter	
Max Power Consumption	• 1.5 W	
Max Fiber Optic Cable Length	• Up to 2 km	
Temperature	• Operating: 0 to 55 °C	• Storage: -25 to 70 °C
Humidity	• 20% to 80% non-condensing	

Order Information

Part Number	Description
DMC-F02SC	10/100Base-TX to 100Base-FX SC Multi-mode Media Converter (2 km)