

Product Highlights

The DMC-F810SC is a media converter designed to convert a twisted-pair 10/100/1000Base-T Gigabit Ethernet connection to a single-mode fibre 1000Base-LX Gigabit Ethernet connection. It allows to extend a connection distance (up to 20 km) between two devices. This media converter is equipped with one RJ-45 port for twisted-pair and one fibre optic port with a standard SC connector.



DMC-F810SC

10/100/1000Base-T to 1000Base-LX SC Single-Mode Media Converter (20 km)

Technical Specifications		
Hardware		
Interfaces	• 1 x 10/100/1000Base-T port	• 1 x 1000Base-LX SC port
LEDs	• PWR • Link/Act (SC)	• Link/Act (RJ-45) • Link 100Mbps (RJ-45) • Link 1000Mbps (RJ-45) • FDX
Certifications		
Safety	• LVD	
EMI/EMC	• CE Class B	• RCM
Functionality		
Standards and Functions	• IEEE 802.3 10Base-T • IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T • IEEE 802.3z 1000Base-LX	• IEEE 802.3x Flow Control in full-duplex mode • Auto MDI/MDIX adjustment for copper port • Link Fault Pass-through support for link status control
Physical Parameters		
Dimensions (L x W x H)	• 94 x 70 x 26 mm	
Weight	• 124 g	
Environmental Conditions		
Power Supply	• 5 V DC, 1A power adapter	
Max Power Consumption	• 1.65 W	
Max Fiber Optic Cable Length	• Up to 20 km	
Temperature	• Operating: 0 to 50 °C	• Storage: -25 to 70 °C
Humidity	• 20% to 80% non-condensing	
Order Information		
Part Number	Description	
DMC-F810SC	10/100/1000Base-T to 1000Base-LX Media Converter with SC fibre Connector (Single Mode 1310nm) - 20km	