

Product Highlights

The DMC-F15SC is a standalone media converter designed to convert a twisted-pair 10/100Base-TX Fast Ethernet connection to a single-mode fiber 100Base-FX Fast Ethernet connection to extend a connection distance (up to 15 km) between two devices. This media converter is equipped with one RJ-45 for twisted-pair and one fiber optic SC port.



DMC-F15SC

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

Technical Specifications	
Hardware	
Interfaces	<ul style="list-style-type: none"> • 1 x 10/100Base-TX port • 1 x 100Base-FX SC port
LEDs	<ul style="list-style-type: none"> • PWR • Link/Act (SC) • Link/Act (RJ-45)
Certifications	
Safety	<ul style="list-style-type: none"> • LVD
EMI/EMC	<ul style="list-style-type: none"> • CE Class B
Functionality	
Standards and Functions	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • 70.5 x 93.5 x 26 mm
Weight	<ul style="list-style-type: none"> • 134 g
Environmental Conditions	
Power Supply	<ul style="list-style-type: none"> • 5 V DC, 0.55 A power adapter
Max Power Consumption	<ul style="list-style-type: none"> • 1.5 W
Max Fiber Optic Cable Length	<ul style="list-style-type: none"> • Up to 15 km
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 55 °C • Storage: -25 to 70 °C
Humidity	<ul style="list-style-type: none"> • 20% to 80% non-condensing
Order Information	
Part Number	Description
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