



DMC-G10SC

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

The DMC-G10SC is a media converter designed to convert a twisted-pair 100/1000Base-T Gigabit Ethernet connection to a single-mode fiber 1000Base-LX Gigabit Ethernet connection, that allows to extend a connection distance (up to 10 km) between two devices. This media converter is equipped with one RJ-45 for twisted-pair and one fiber optic SC port.

Technical Specifications	
Hardware	
Interfaces	<ul style="list-style-type: none"> One 10/100/1000Base-T port One 1000Base-LX SC port
LEDs	<ul style="list-style-type: none"> PWR Link/Act (SC) Link/Act (RJ-45)
Functionality	
Standards and Functions	<ul style="list-style-type: none"> 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
Maximum Packet Size	<ul style="list-style-type: none"> 16 KB
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"> 124 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"> 1.65 W
Wavelength	<ul style="list-style-type: none"> 1310 nm
Length of Supported Fiber Optic Cable	<ul style="list-style-type: none"> Up to 10 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	
<i>Part Number</i>	<i>Description</i>
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