

DMC-300M, DMC-300SC Media Converters

Media Converter Features

- One-channel media conversion between 10BASE-T/100BASE-TX and 100BASE-FX
- Fiber MT-RJ or SC connector
- Auto negotiation of speeds and duplex modes on twisted-pair port
- Auto MDI/MDIX
- 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



These converters convert 10/100 Mbps 10BASE-T/100BASE-TX Fast Ethernet twisted-pair signals to 100BASE-FX Fast Ethernet multi-mode fiber signals. Maximum fiber cable distance is 2 km. One RJ-45 twisted-pair port and one fiber port are provided.

- DMC-300M: The fiber port on this media converter is the MT-RJ connector.
- DMC-300SC: The fiber port on this media converter is the SC connector.

Technical Specifications

Physical & Environmental	LEDs	Power, 100 Mbps Speed (for twisted-pair ports), Full Duplex/Collision (for twisted-pair and fiber ports), LINK/ACT (for twisted-pair ports)
	AC Input	7.5 V 1.5 A external power adapter
	Dimensions	120 x 88 x 25 mm
	Operating Temperature	0 °C to 40 °C
	Storage Temperature	-25 °C to 70 °C
	Operating Humidity	10% to 90% non-condensing
	EMI	FCC Class A, CE Class A, VCCI Class A, C-Tick
	Fiber Wavelength	DMC-300M: 1300 nm DMC-300SC: 1300 nm

Media Converter Solutions Overview

Model List	
DMC-300M	Fast Ethernet Twisted-pair to Fast Ethernet Multi-mode Fiber (2km, MT-RJ) Media Converter Module
DMC-300SC	Fast Ethernet Twisted-pair to Fast Ethernet Multi-mode Fiber (2km, SC) Media Converter Module
DMC-515SC	Fast Ethernet Twisted-pair to Fast Ethernet Single-mode Fiber (15km, SC) Media Converter Module
DMC-530SC	Fast Ethernet Twisted-pair to Fast Ethernet Single-mode Fiber (30km, SC) Media Converter Module
DMC-560SC	Fast Ethernet Twisted-pair to Fast Ethernet Single-mode Fiber (60km, SC) Media Converter Module
DMC-615SC	Fast Ethernet Multi-mode Fiber (2km SC) to Fast Ethernet Single-mode Fiber (15km, SC) Media Converter Module
DMC-700SC	1000BASE-T Gigabit Twisted-pair to 1000BASE-SX Gigabit Fiber Multi-mode Fiber (550m, SC) Media Converter Module
DMC-810SC	1000BASE-T Gigabit Twisted-pair to 1000BASE-LX Gigabit Fiber Single-mode Fiber (10km, SC) Media Converter Module
DMC-920	Fast Ethernet Twisted-pair to Fast Ethernet Single-mode Fiber (20km, SC) Single Fiber Media Converter Module
DMC-1530SC	Fast Ethernet Twisted-pair to Fast Ethernet Single-mode Fiber (30km, SC) Smart Media Converter Module
DMC-1580SC	Fast Ethernet Twisted-pair to Fast Ethernet Single-mode Fiber (80km, SC) Smart Media Converter Module
Management Module	
DMC-1002	Management Module
Redundant Power Supply	
DMC-1001	Redundant Power Supply



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