



High-Performance Architecture

- + One-channel media conversion between 10BASE-T/100BASE-TX and 100BASE-FX
- + Multimode fiber using SC connector
- + Auto negotiation of speeds and duplex modes
- + Auto MDI/MDI-X
- + Full wire-speed forwarding rate

100BASE-TX to 100BASE-FX Multimode SC Media Converter

Overview

The DMC-300SC by D-Link® is a media converter designed to connect 10BASE-T/100BASE-TX copper to 100Base-FX fiber media and vice versa. Based on the IEEE 802.3 and 802.3u standards, the DMC-300SC is designed for use with multimode fiber cable utilizing the SC-Type connector. The DMC-300SC supports shortwave (SX) laser specifications

at a full wire-speed forwarding rate. Other features of this module include the ability to be used as a standalone device (no chassis required), Auto MDI/MDI-X, Auto negotiation of speeds and duplex modes on twisted-pair port, and front panel status LEDs. The DMC-300SC will transmit at extended fiber optic distances utilizing multimode fiber up to 2 kilometers.

Technical Specifications

Product/Performance Specifications

DMC-300SC	+ IEEE 802.3 10BASE-T	+ IEEE 802.3u 100BASE-TX/FX
Duplex Mode	Full Duplex Mode	
LED Indicators	Power, 100Mbps Speed, Full-Duplex/Collision, Link/Activity	
Cable	10BASE-T + 2-pair UTP Cat. 3, 4, 5, up to 100m	100BASE-TX + 2-pair UTP Cat. 5, up to 100m
	100BASE-FX + 62.5/125µm multimode fiber optic cable, up to 2km	

Physical & Environmental

Dimensions (W x D x H)	3.5in x 4.7in x 1in (89mm x 119mm x 25mm)
Weight	.66lbs (.3kg)
Power	External power adapter: 7.5V 1.5A
Media Interface	RJ-45, SC
EMI Compatibility	FCC Class A, VCCI Class A, CE Class A
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-13°F to 158°F (-25°C to 70°C)
Humidity	10% ~ 90% Non-condensing
Power Consumption	7.2 Watts (maximum)

Warranty

Warranty	2-Year Limited Warranty ¹
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Ordering Information

Part Number	Description
DMC-300SC	100BASE-TX to 100BASE-FX Multimode SC Media Converter

¹ 2-Year Limited Warranty available only in the USA and Canada.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.