

SW10010-SC

10/100Base to 100Base Fibre Optic Converter SC



INTRODUCTION

IEEE802.3/u Ethernet supports two types of media for network connection such as 10/100Base-TX and 100 Base-FX. The bridge media converter is designed with a switch controller and buffer memory that connects two types of segments to operate smoothly. This converter can be used as a standalone unit or as a slide-in module to the 19" converter rack (up to 10 units) for use at a central wiring closet.

FEATURES

- ▶ Support 10/100 Ethernet UTP.
- ▶ Other available fiber connectors: ST/MT-RJ/VF-45 for multi-mode and single-mode.
- ▶ Standalone or composite applications.

PRODUCT SPECIFICATION

Standard	IEEE802.3u Fast Ethernet 100Base-TX and 100Base-FX standards
Connector type	ST 1310nm
The 100Mbps 1300nm Fiber Transceivers	DEFAULT: ST multi-mode 2Km OPTIONAL: SC.S20/S40/S60Km single-mode
UTP Cable	Cat. 5 cable up to 100m
Fiber Cable	50/125, 62.5/125, or 100/140m multi-mode 8.3/125, 8.7/125, 9/125 or 10/125m single-mode
Indicators	POWER, FX LNK/ACT, 100, TP LNK/ACT, FDX/COL
Data transfer rate	10Mbps (speed) - 14,880 PPS (forwarding rate) 100Mbps (speed) - 148,800 PPS (forwarding rate)
MAC Address and Self-learning	1K
Buffer Memory	128KByte
Power requirement	1A+5V
Dimension (mm)	26.2(H) x 70.3(W) x 94(D) mm
Ambient Temperature	5 C ~ 50 C
Humidity	5%~90%RH
Flow Control	IEEE802.3x compliant for full-duplex Back pressure flow control for half-duplex
	FCC Part 15 Class A, CE Mark & UL