

ANT-MC100S

10/100M Single Mode 20KM

External Power 1310nm



Overview

IEEE802.3U Ethernet supports two types media for network connection such as 10/100Base-Tx and 100Base-Fx. The bridge media converter is designed with a switch controller and buffer memory that connects two types segments operation smoothly. This converter can be used as standalone unit or as slide-in module to the 10" converter rack Chassis for use at a central wiring closet.

- 10/100M Media Converter SC multi-mode 2Km and single-mode
10/20/40/80/100/120 Km are optional.

Technical Specifications

Standards	IEEE802.3, IEEE802.3U, 10/100 Base-TX, 100Base-FX
Media Supported	10Base-T: Cat.3,4,5 UTP/STP, MAX 100M; 10Base-TX: Cat5 UTP/STP. MAX 100M; Multi model fiber (50/125um, 62.5/125um); Single model fiber (9/125um)
TP Connector	SC/ST/FC
Referenced Transmission Distance	Dual-fiber multi-mode : 2km Dual-fiber single-mode: 20/40/60/80/100/120 km Single-fiber single-mode: WDM 20/40/60/80km
Data Forward Rate	10Mbps 100Mbps
Flow Control	IEEE802.3X flow control for full-duplex model Back-pressure flow control for half-duplex mode
Power Supply	5VDC,1.25A or 110~260VAC or 48VDC
Power consumption	2.5W
Operation Temperature	0 °C to 55°C
Relative Humidity	5% to 80% (non-condensation)

Package contains

The TP-Fiver Converter

AC-DC Power Adapter (for external models) or Power Cord (for internal models)

The User's Manual