ANT-MC1000T

10/100/1000M Multi Mode 550M

External Power 850nm ST

Brief introduction

This product supports IEEE802.3U1000Base-Tx/Fx protocol, as well as full duplex and half duplex mode. This manual is for 10/100/1000M transceivers.

Main Features

1 In conformity to IEEE802.3 10 Base-T standard.

   In conformity to IEEE 802.3u 100 Base-TX/FX standard.

2 Max. 2M buffer memory built in chip

3 Back pressure flow control for full duplex.

   IEEE 802.3 X and half duplex.

4 Automatic identification of MDI/MDI-X cross line.

5 High-performance 1.4Gbps memory bandwidth.

6 In conformity to safety code of FCC and 15 CLASS A and CE MARK.

Specification

Standards Protocol	IEEE802.3 10 Base-T standard, IEEE802.3U 100 Base-TX/FX standard
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)

Connector	One UTP RJ-45 connector, one SC/ST connector
Operation mode	Full duplex mode or half duplex mode
Power supply parameter	Outside: 5V DC 2A Built-in: 110-265V AC 48VDC
Environmental temperature	0 °C-60 °C
Relative humidity	5%-90%
Transfer Fiber	Multi-mode fiber : 50/125, 62.5/125 or 100/140um Single-mode fiber : 8.3/125, 8.7/125, 9/125 or 10/125um
Dimensions	External power supply: 40mm x 110mm x 140mm

Packing list

Fiber Ethernet media converter	1 set
AC/DC adapter (for external power unit)	1 pc
Power line (for internal power unit)	1 pc
User manual	1 copy