

Specifications for WCN 1GB Media Converter

This document is applicable for WCN1GBMC mini-size 100BASE Optical/Ethernet media converter which converts 10BASE-TX, 100BASE-TX electrical signals to 100BASE-FX optical signals to perform the long distance, duplex transmission of Ethernet signals over optical fiber.

The WCN1GBMC is a dual-fiber, single-mode type of media converter being powered through USB port. It is compliant of IEEE802.3 and IEEE802.3U.

3 Technical Specifications

1	Production Description	1000BASE-X Fiber to 10/100/1G BASE-T UTP Media Converter
2	Protocol	10BASE-T, 100/1000BASE-TX,1000BASE-X
3	Transmission Speed	1000M
4	Optical Wave Length	1310nm
5	Transmission Distance	20KM
6	UTP Cable	EIA/TIA 568A/B, Cat5 or higher grade
7	Optical Fiber	Single mode: 9/125um
8	Ethernet Connector	RJ45
9	Optical connector	Dual-Fiber, SC
10	LED Indicator	PWR,100,LINK,TPX,FPD
11	DC Power Connector	MICRO USB or Central Barrel type
12	DC Power	0.5A @ 5V DC
13	Temperature	Operation: -0~85°C Storage: -40~85°C
14	Humidity	5~95%
15	MTBF	Over 50,000 hours, qualified for telecom operations

