Product Datasheet

2-Port 10/100M Multimode Dual Fiber Media Converter

(ONV0110-MCX-S2)

OVERVIEW

10/100M series of fiber optic transceivers can be use between 100Base-TX cable and 100Base-FX fiber cable or 10Base-T cable and 10Base-FL fiber cable for the data transmission usage. Suitable for intelligent community, it extends the network transmission from 100m to 100Km.

Also it can be realize the interconnection between motherboard server, Repeaters, hubs, switches, and terminal.Plug and play design makes easy installation, no on-site adjustment, all the light, electricity interfaces are in line with international standards, Products applicable to different harsh industrial environment.
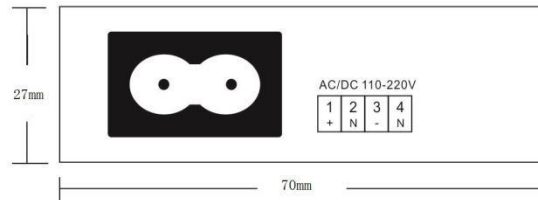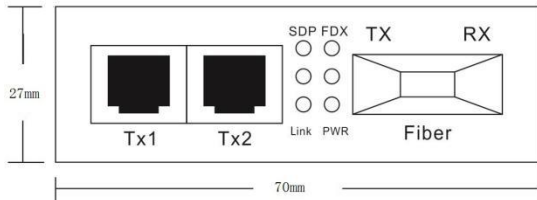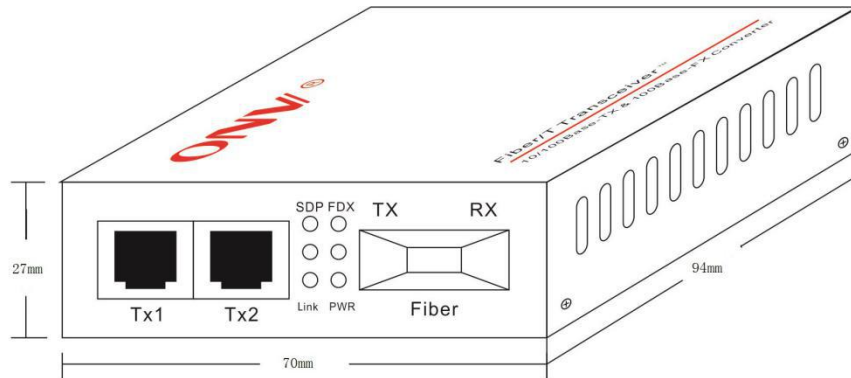
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FEATURE

◆ 2x RJ-45 ports, 1x SC port, built-in power supply

◆ 2x 10/100M Ethernet channels, completely physical isolation. The same fiber optical channel can achieve 2 groups network transmission

◆ Compatible with IEEE 802.3 , IEEE 802.3U , IEEE 802.3X , IEEE 802.1d

◆ Ethernet 10Base-T or 100Base-TX to 100Base-FX fiber optical media converter

◆ Ethernet RJ45 port supports the consultations between rate and duplex mode, parallel / crossover line adaptive function or enforcement mode

◆ Supports 10Mbps and 100Mbps automatically adaptive (Working bandwidth can be up to 200Mbps in full-duplex mode)

◆ Features with link loss diagnosis, electrical port link diagnosis and optical port link diagnosis,

◆ dynamic data transmission, full-duplex/half-duplex, speed indicator

◆ Supports super long frame transmission, fully compatible with various expansion standards data frame

◆ Supports optical path interruption transfer function, and transfer the interruption-alarm to the opposite equipment

◆ Provides single/ dual fiber transmission, many optical interface configurations for different wavelength and LED power, etc.

◆ Various status indicators, can easily and accurately show the working status of the interface and link

TECHNICAL SPECIFICATION

Model	ONV0110-MCX-S2
Description	Ethernet 10Base-T or 100Base-TX to 100Base-FX fiber optical media converter
Architecture	IEEE 802.3,IEEE 802.3u,IEEE 802.3x, store-and-forward architecture
Communication Protocol	IEEE 802.3U 100Base-TX/FX, 10/100M Ethernet standard
Interface	Multimode dual fiber, Unshielded super cat5 RJ-45 port, 2x Ethernet ports+1x SC port
Rate	10/100Mbit/s auto-adaptive, the default working status is 100Mbps
Dimension	94*70*27mm
Power Consumption	2.5 W (Input:DC5V 1000mA), built-in power supply
Power Supply	AC85-260V/50Hz
Environmental Requirement	Environmental Temperature:0℃～+70℃ Storage Temperature: -45 ℃～+95 ℃ Relative Humidity: 0～95% (non-condensing)
Certification	CE,FCC,RoHS
Warranty	3 years warranty, life-long maintenance

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DIMENSION

ORDERING INFORMATION

Model	Specs(SC Fiber Port, Built-in Power Supply)	Maximum Transmission
ONV0110-MCX-S2	10/100M,2x RJ45 ports, multimode dual fiber, 1310nm or 850nm,SC fiber port	2Km
ONV0110-SCX-S2	10/100M,2x RJ45 ports, single mode dual fiber, 1310nm, SC fiber port	20Km
ONV0110S-SCX-S2-A	10/100M,2x RJ45 ports, single mode single fiber, 1310nm, SC fiber port	20Km
ONV0110S-SCX-S2-B	10/100M,2x RJ45 ports, single mode single fiber, 1310nm or 1550nm, SC fiber port	20Km
Note: Can be customized different specifications according to customers' needs		

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	2-port 10/100M multimode dual fiber media converter	1	SET
	Power Adapter	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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