

## GIGABIT MEDIA CONVERTER CARD

**MODEL: MODEL1000C Serial**

### Overview:

MODEL1000C Fiber Media Converters Card can convert Optical-Electric Ethernet signals between 10/100/1000M UTP interface (TX) and 1000M optical fiber interface (FX). It can extend traditional 10/100/1000M fast Ethernet to the distance of 120km through optical fiber link. It possesses stable performance and good quality by adopting latest IC packages from USA and Taiwan. 6 Group LED indicated lights could fully monitor the working conditions of Converters. It is easy for end users to observe network operation. MODEL1000C Serial Media Converter Card could not be used alone, them must inserted to 16 slots Converters Rack supplied by ZHT Crop (RACK2000-16). Suitable for the use of Network Centre...

### Picture:



MODEL1000CS Duplex Fiber



MODEL1000CS Single Fiber



MODEL1000C-SFP slots

### Specifications:

#### 1. Ethernet Port

- Compatible with IEEE 802.3 series Standards
- Speed: 10/100/1000Mbps auto-negotiation
- Duplex: Half/full auto-negotiation
- Connectors: RJ45 Jack
- MDI/MDI-X crossover automatically

#### 2. Optical Port

- Wavelength: 850nm/1310nm/1550nm
- Single mode/Multimode Optional
- Up to 120km transmission distance
- SC/PC, ST/PC and FC/PC optional

#### 3. Power

- DC: 5 VDC
- Consumption: Standalone < 1W

#### 4. Environment

- Temperature: 5°C ~ 40°C;
- Humidity: 30% ~ 90% (25°C);

#### 5. LEDs

- PWR, FDX, LINK, ACT, FX, TX 100

### Information Oder

Type	Connector	Fiber type	Wavelength (Nm)	Max. distance	TX power (dBm)	Sensitivity	Link Budget
MODEL1000C-SC-2	SC Duplex	Multi-mode	850	2Km	-13~-8	-30dBm	17dBm
MODEL1000CS-SC-25	SC Duplex	Single-mode	1310	20km	-14~-8	-32dBm	18dBm
MODEL1000CS-SC-40	SC Duplex	Single-mode	1310	40km	-8~-3	-33dBm	25dBm
MODEL1000CS-SC-60	SC Duplex	Single-mode	1550	60km	--3~0	-36dBm	33dBm
MODEL1000CS-SC-80	SC Duplex	Single-mode	1550	80km	-10~-5	-35dBm	25dBm
MODEL1000CS-SC-100	SC Duplex	Single-mode	1550	100km	-5~0	-36dBm	31dBm
MODEL1000CS-SC-120	SC Duplex	Single-mode	1550	120km	0~+3	-36dBm	36dBm
MODEL1000CSS-SC-25	SC Simplex	Single-mode	1310/1550	20km	-14~-8	-32dBm	18dBm
MODEL1000CSS-SC-40	SC Simplex	Single-mode	1310/1550	40km	-8~-3	-33dBm	25dBm
MODEL1000CSS-SC-60	SC Simplex	Single-mode	1490/1550	60km	-3~0	-36dBm	33dBm
MODEL1000CSS-SC-80	SC Simplex	Single-mode	1490/1550	80km	-10~-5	-35dBm	25dBm
MODEL1000C-SFP	SFP Slot	Follow SFP					

### Accessories

Part No.	Data Rate	Wavelength	Reach	TX	RX	Pout	s	Temperature
SFP-SX-2	1.25G	850nm	550M	VCSEL	PIN	-9~-4dBm	<-17dBm	0~70°C
SFP-LH-210	1.25G	1310nm	10KM	FP	PIN	-10~-3dBm	<-20dBm	0~70°C
SFP-LH-220	1.25G	1310nm	20KM	FP	PIN	-6~-1dBm	<-22dBm	0~70°C
SFP-LH-240	1.25G	1310nm	40KM	DFB	PIN	-2~+3dBm	<-24dBm	0~70°C
SFP-LH-260	1.25G	1550nm	60KM	DFB	PIN	-5~0dBm	<-24dBm	0~70°C
SFP-ZX-280	1.25G	1550nm	80KM	DFB	PIN	0~+5dBm	<-24dBm	0~70°C
SFP-ZX-2120	1.25G	1550nm	120KM	DFB	APD	0~+5dBm	<-32dBm	0~70°C
SFP-ZX-2160	1.25G	1550nm	160KM	DFB	APD	+1~+5dBm	<-36dBm	0~70°C
GLC-T	1G		100M					0~70°C

Due to continuous improvement, all products specifications are subject to change without further notice.  
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