HANUTECH SOULUTIONS

MEDIA CONVERTER SFP SLOT

Description

The converter is an Ethernet media converter that converts media transmission between UTP Copper cables and fiber SFP (Small Form-Factor Pluggable) transceiver. It is designed to meet the massive needs for Ethernet network deployment and able to extend a copper based Network via fiber cable to a maximum distance up to 120km. It can be installed into a Standard Converter Chassis. The installation & operation procedures are simple & straight forward. Operation status can be locally monitored through a set of Diagnostic LED located in the front panel.

Features

* In conformity to 10/100Base-TX, IEEE802.3u, 100 base-TX/FX, IEEE802.3ab 1000base-TX, IEEE802.3z,1000base-SX/LX, IEEE802.1a, IEEE802.1PQ0S, IEEE802.1d Spanning Tree, IEEE802.3, 100Base-FX, IEEE 802.3ah 100 Base.

* Hot Pluggable & Wall-Mountable.

* Stable performance more than 50thousand hours with fault-free.

* Unique IC solution applied.

* Supports 10/100Mbps and 10/100/1000M full/half duplex, easy upgrades.

* Auto MDI/MDI-X.

* Auto Negotiation.

* Support flow control.

* Concentrated into BT-EF16-D220(16slot for media converter cards) or BT-EF14-D220(14slot for media converter standalone type) 2U rack-mount chassis.

* Stable performance more than 50 thousands hours with fault-free.

* In conformity with safety code of FCC, CE and RoHS.

* Auto-negotiation via speed autosensing.

* Complies with ITU-T G985 Class S standard.

* Compatibles with Layer 2 Switch.

Specification

Optical Interfac	Connector	SFP (1000 Base FX)
	Data Rate	100Mbps,1000Mbps
	Duplex Mode	Full duplex
	Fiber	MM 50/125um,62.5/125um
		SM 9/125um
	Distance	20KM
	Fiber Type	SFP Slot
	Wavelength	MM850nm, 1310nm, 1550nm.
		WDMTx1310/Rx1550nm (A side), Tx1550/Rx1310nm (B side) WDMTx1490/Rx1550nm (A side),Tx1550/Rx1490nm (B side)
UTP Interface	Connector	1 Port Ethernet 10/1000 Base-TX (RJ45)
	Data Rate	10/100/1000Mbps
	Duplex Mode	Half/full duplex
	Cable	Cat5,Cat6
Power Input	Adapter Type	DC5V
	Power Built-in Type	AC100~240V50/60Hz
Power		<3W
Weight	Adapter Type	0.39kg
	Power Built-in Type	0.67kg
Dimensions	Adapter Type	94*70.5*26.5mm
	Power Built-in Type	140.5*111*30mm
Temperature	0~55℃ Operating;-40~70℃ Storage	
Humidity	0~90%(no condensing)	
MTBF	≥10.0000h	
Certification	CE, FCC, RoHS	

Application

* Extend your Ethernet connection up to 0~120km away using fiber optics

* Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones

* Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus)

* Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Gigabit Ethernet Network.