



HANUTECH SOLUTIONS

MEDIA CONVERTER 100/1000MBPS GIGA SINGLE MODE DUAL FIBER

Description

Media converter Series are non-managed media converters, which give you economic solutions for media conversion between fiber and copper Ethernet. It provides you SC, FC or ST connectors for your fiber optic cables and RJ45 for twisted pair UTP cable connection. The maximum extension is up to 120km over fiber.

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 50 thousand hours with fault-free.
- * Unique IC solution applied.
- * Supports 10/100Mbps and 10/100/1000M full/half duplex, easy upgrades.
- * Auto MDI/MDI-X.
- * 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	SC/UPC(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	Dual Fiber
	Wavelength	MM850nm, 1310nm
		WDM Tx1310/Rx1550nm (A side), Tx1550/Rx1310nm (B side) WDM Tx1490/Rx1550nm (A side),Tx1550/Rx1490nm (B side)
UTP Interface	Connector	1 Port Ethernet 10/100 Base-TX (RJ45)
	Data Rate	10/100Mbps,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°C Operating;- 40~70°C Storage	
Humidity	0~90%(no condens ing)	
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.

