

MEDIA CONVERTERS & SFP

Stand-Alone

--
10/100



DMSI's 10/100 and 10/100/1000 stand-alone ethernet media converters are an efficient and adaptable solution in the field of LAN campus networking. It mediates between a 10, 100, or 1000Base-TX segment, and a 1000Base-FX segment. Gigabit converters can extend the conventional 10M or 100/1000M fast ethernet out to 20km-120km via the fast ethernet fiber-optical line. It is primarily designed for large, higher speed/bandwidth demanding work groups that require expansion of the ethernet network.

FEATURES

- 10/100 Mbps port with full/half duplex auto-negotiation
- Back pressure flow control for full duplex
- Twisted-pair connector: NODE/HUB or SWITCH (5 class UTP)
- Back pressure flow control for full/half duplex IEEE802.3X
- Automatic identification of MDI/MDI-X cross-line
- High-performance 155Mbps memory bandwidth
- Complies with FCC, 15 CLASS A, RoHS, and CE MARK

COMPLIANCES

- IEEE 802.3 10 Base-T standard
- IEEE 802.3u 10/100 Base-TX/FX standard
- IEEE 802.3d standard
- IEEE 802.3q standard

APPLICATION

- 10M extended enterprise network bandwidth to 100M
- Images, voice and other multimedia data on an integrated transport network point
- Computer signal transmission in need of the occasion widely used for computer data transmission network to meet a variety of business needs
- Campus broadband network, broadcasting network and intelligent residential broadband fiber-to-floor fiber to the home data transfer with the switches and other computer network equipment can be combined to form:-chain, star, ring-type network and other computer networks

Technical Specifications

Standard Protocol /	IEEE 802.3 10 Base-T standard		IEEE 802.3u 10/100Base-TX/FX standard
Compliances	IEEE802.3d standard		IEEE802.3q standard
Band Width	RJ 45 Port: 10/100Mbps		Optical Port: 155Mbps
Operation Mode	Full/Half duplex mode		
Connectors	UTP:RJ-45		
Environmental	Work Temperature, 0°C~50°C (32°F ~ 122°F)		
Parameters	Storage Temperature, -40°C~70°C (-40°F ~ 158°F)		
	Humidity, 5%~90% non-condensing		
TP Cable	Cat 5e, 6, 6A UTP or STP cable		
Fiber Cable	Single-mode, 8.3/125, 8.7/125, 9/125, 10/125µm(the max distance up to 20 -120km)		
	Multimode, 50/125, 62.5/125µm(the max distance up to 2km or 5km)		
Dimensions (mm)	95mm(L) x 71.5mm(W) x25.4mm(H)		
Emission / Safety	FCC Part 15, Class A, RoHS and CE Mark		
Warranty	3 years		
Mean Time Between			
Failure	114,000 hours		
TAA Compliant	Yes		

10/100 Stand-Alone Media Converter, ORDERING INFORMATION

(XX)	Replace (XX) with Connector Type
31	SFP (LC)
61	SC
67	ST
70	SFP (empty slot)

SINGLE-MODE		
Part #	Operating Wavelength	Distance
CY(XX)101	1310nm	10KM
CY(XX)10T	1310nm	25KM
CY(XX)104	1310nm	40KM
CY(XX)10F	1310nm	50KM
CY(XX)108	1310nm	80KM
Part #	Operating Wavelength	Distance
CY(XX)151	1550nm	10KM
CY(XX)15T	1550nm	25KM
CY(XX)154	1550nm	40KM
CY(XX)15F	1550nm	50KM
CY(XX)158	1550nm	80KM

MULTIMODE		
Part #	Operating Wavelength	Distance
CF(XX)855	850nm	550M
CF(XX)852	850nm	2KM
CF(XX)135	1300nm	550M
CF(XX)132	1300nm	2KM
CF(XX)105	1310nm	550M
CF(XX)102	1310nm	2KM