

HFD-FO-1000M Series

10/100/1000M Ethernet Fiber Optic Converter



Product Description

The HFD Series 10/100/1000M Auto-Sensing Ethernet Fiber Optic Transceiver is designed using advanced fiber optic technology. This series transmit and receive 10/100/1000 Mbps (no adjustment is required) data over two single-mode optical fibers, extending the Ethernet transmission distance from its normal few hundred meters to 0-120 kilometers. By using optical fiber as transmission media, this series continue to perform its secured, high-speed and long-distance communication even under the adverse condition such as lightning, power surge and electromagnetic interference; substantial saving on lightning and power surge protection equipments if copper wires were used.

Technical Specification

ETHERNET	
Supporting standards	IEEE802.3 10Base-T, 100Base-T,1000Base-T
Data Rate	10/100/1000Mbps auto-sensing, Full Duplex or Half Duplex
Physical Interface	RJ45, DCE interface

OPTICAL

Number of Fibers	2 or 1	
Wavelength	SM:1310/1550nm	MM:850/1310nm
Fiber Type	9/125μm(SM)	62.5/125μm(SM)
Distance	SM: 0-20KM	MM: 0-2MM
Connector Type	ST/FC/SC	

GENERAL

Operating Temperature	-30 ~ 70°C / -30 ~ +158°F
Relative Humidity	0 ~ 95% non-condensing
Mean Time Between Failure (MTBF)	> 600,000hrs
Power Supply Adaptors	AC 220V 110v or DC+110V,+5V,+12V,+24V,+48V Option
Enclosure Color	Blue
Dimensions (L×W×H)	120(H)×33(W)×88(D) DIN Rail

