

# HFD-FO-100M Series

## *DIN Rail 10/100M Ethernet Fiber Media Converter*



### Product Description

The HFD Series 10/100M Auto-Sensing Ethernet Fiber Optic Transceiver is designed using advanced fiber optic technology. This series transmit and receive 10/100 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.

The HFD Series is fully assembled using SMT components for stability and reliability.

### Technical Specification

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

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<b>OPTICAL</b>	
Number of Fibers	2 or 1
Wavelength	1310/1550nm(SM) 850/1310nm(MM)
Fiber Type	9/125μm(SM) 62.5/125μm(MM)
Distance	0 ~ 2km(MM), 0~20km(SM)
Connector Type	ST/FC/SC

<b>GENERAL</b>	
Operating Temperature	-40 ~ 70 °C / -40 ~ +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

