

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 | 9/125 μ m(SM) 62.5/125 μ m(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 |

