

Industrial RS-232/422/485 to Fiber Media Converters

KEY FEATURES:

- Point to Point RS-232/422/485 over Multimode or Singlemode Fiber
- DCE/DTE selectable and 120 Ohm terminal resistor option
- Rugged IP30 enclosure and extended operating temperature range
- DIN-Rail & Wall Mountable installation options
- LED indicators showing data activity



ORDERING INFORMATION:

PART NO.	DESCRIPTION
MI00010	Industrial RS-232/422/485 to Multimode Converter, 2km
MI00020	Industrial RS-232/422/485 to Singlemode Converter, 30km

SPECIFICATIONS

Serial Port

DB9 (male) RS-232 port
 4-pin Terminal block RS-422/485 port
Baud Rate: 50bps to 921.6 kbps
Data Bit: 5,6,7,8
Parity: None, Even, Odd, Space, Mark
Stop Bit: 1, 1.5, 2

Fiber Port

MI10010: Duplex SC Multimode port
TX Output: > -23.5 dbm
RX Sensitivity: -31 dbm
MI10020: Duplex SC Singlemode port
TX Output: > -15 dbm
RX Sensitivity: -34 dbm

Physical Characteristics

Case Dimensions: 1.03" W x 2.76" D x 4.74"H (26 mm x 70 mm x 95 mm)
Housing: IP30 Metal Case
Weight: 0.42 lb (0.19 kg)

Electrical Characteristics

DC Input Power: 12-48 V DC Connected via dual redundant terminal block
 5.5 x 2.5mm DC Barrel Jack connector provided
Power Consumption: 1.8W
 Overload current protection

Environmental Requirements

Operating Temperature: -40°F to 167°F (-40°C to 75°C)
Storage Temperature: -40°F to 185°F (-40°C to 85°C)
Operating Humidity: 5% to 95% (non-condensing)

Certifications

CE, ROHS, FCC Class A

Warranty

Five Years