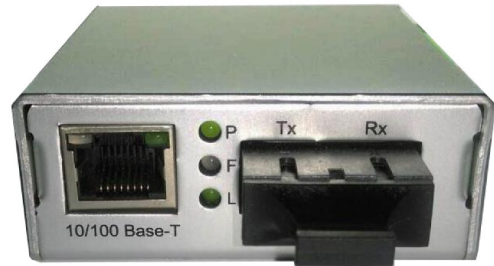


Optical Ethernet Converter

FE-100C



(front view)



(side view)

OVERVIEW

FE - 100C is a fast Ethernet media converter that can support 1 10/100Base-T (UTP/RJ-45) port and one 100Base-FX (optical) port to extend the transmission distance up to 20 Km. Plug-and-play design is implemented to ease the installation.

Optical transmission can work well in electromagnetic environment, lightning and poor weather condition as well as chemical corrosion to avoid the troubles in electrical cables. The FE -100C is the best solution for your Ethernet system. The most common applications are in the curb, campus, building, factory, premise, airport, freeway and tunnel.

FEATURES

- Compliant to IEEE802.3 10/100Base-T
- Compliant to IEEE802.3u 100Base-FX
- Minimum reach is 2Km with Multimode Fiber
- Distance Up to 20Km with Single Mode Fiber
- Clear LED Indications
- MTBF > 50000 Hours

SPECIFICATIONS

Physical

Data Format	IEEE 802.3
LED Indicators	Power*1 、 Link Speed*1 、 UTP Activity*1 、 Optical Activity*1, Optical Link*1
Power	Ext. power supply DC 12V,1A

Ethernet Copper Interface

Standard	IEEE 802.3 10/100Base-T
MDI / MDI-X	Auto-MDI/MDI-X
Duplex	Full-Duplex/Half Duplex
Connector Type	RJ-45

Ethernet Optical Interface

Standard	IEEE 802.3u 100Base-FX
Connector Type	ST/ FC/SC
Single Mode	9/125 μ m; 1310nm or 1550nm
Multimode	50/125, 62.6/125 μ m; 850nm or 1310nm

Environment

Ambient Temperature	-20 °C ~ 75 °C
Storage Temperature	-20 °C ~ 85 °C
Humidity	0 ~ 95% (Non-condensing)

Dimension

Cassette	68 x 77 x 27 mm (W x D x H)
Weight (Standalone)	130g

ORDERING INFORMATION

FE - 100C - SM - SC - 2F

Fiber type:
SM-Single mode fiber
MM-Multi mode fiber

Optical converter type:
SC / ST / FC

Duplex (2 Fiber)
Simplex (1 Fiber)

Applications Diagram

