

IRF-631 : RS-232 to Fiber Converter



Product Introduction & Benefits

The IRF-631 converter is a solid solution for applications that require a reliable link from remote terminals to host computers. The unit offers cost-efficiency for extending to distances ranging from 2km (multi-mode) to 120km (long-haul, single-mode fiber). Together with its simple-to-setup-and-install characteristics, the converter makes it easy to combine the advantages of fiber technology within an RS-232 serial-based network.

By facilitating the integration of the existing serial with newer fiber-optic cabling, the IRF-631 represents a cost-effective solution for network administrators eager to keep costs down when upgrading. The converter is ideal for connecting data-communication devices situated in manufacturing-intensive environments where electromagnetic and radio-frequency interference is a major concern. Data integrity is also assured due to the characteristics of fiber-optic cable that make any leakage transmission detectable.



Main Features:

- Complies with EIA/TIA-232, EIA/TIA- 574 & CCITT V.28 standards
- Supports asynchronous data transfer rate up to 115.2 Kbps
- DTE, DCE push-button setting
- 35mm DIN-rail mounted
- LED status indicators for power (PWR), link (LNK) And receive (RCV)
- Available ST/SC connectors
- External power supply
- Chassis compliant (internal power supply)
- FCC Class A & CE approved

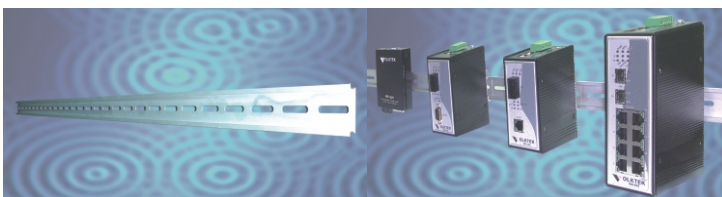
Ordering Information:

IRF-631MT/MC:

RS-232 to Multi-mode Fiber Converter (ST/SC Connector)

IRF-631SC-30/60/100/120:

RS-232 to Single-mode Fiber Converter (SC Connector, 30/60/100/120km)



Specifications:

Standards:

EIA/TIA-232, EIA/TIA- 574 & CCITT V.28

Ports:

1 x serial RS-232 (DB-9 Male)
1 x Fiber (ST/SC Multi-mode / Single-mode)

Max. Distance:

Copper: 15 meters.
Fiber: Up to 120km (Single-mode)

Unit LED:

PWR: Green Illuminated for normal operation
LNK: Green Illuminated when receiving link pulse from compliant device
RCV: Amber Illuminated when receiving packets from DTE or DCE

Power:

Power Input: 9~32V DC /800mA, external power adapter
Frequency: 50Hz to 60Hz

Temperature:

Operating: 0°C to 50°C
Storage: -20°C to 80°C

Humidity:

Operating: 10% to 80%, non-condensing
Storage: 5 % to 90%, non-condensing

Emissions:

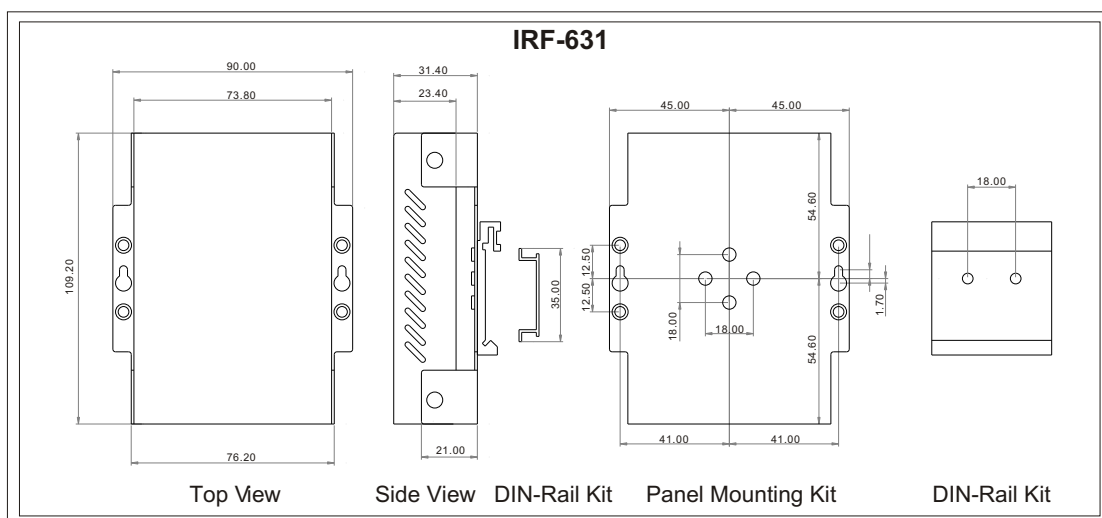
FCC Part 15 of Class A & CE approved

Weight:

280g

Dimensions:

109.2 x 90 x 31.5mm (D x W x H)



Unit=mm