

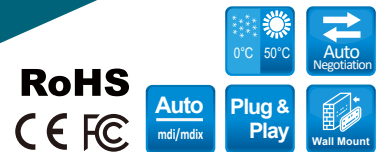
IRF-631

RS-232 to Fiber Converter, Slim Aluminum Case

Description

The IRF-631 converter is a solid solution for applications that require a reliable link between remote terminals and host computers. The unit offers cost-efficiency to transmit RS-232 signals over optical fiber in variable distances of 2km (multi-mode) and 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 while upgrading. The converter is ideal for connecting datacommunication devices situated in manufacturing-intensive environments where electromagnetic and radiofrequency interference is a major concern. Data integrity is also assured because the characteristics of fiberoptic cables make any break in transmission integrity immediately detectable.



Features

- Complies with EIA/TIA-232 & 574 standards
- Supports asynchronous data transfer rate of up to 115.2 kbps
- Supports full duplex or half-duplex asynchronous data transmission
- Available with ST/SC connector for Multi-mode or SC connector for Single Mode
- LED status indicators for system monitoring
- Push-button switch to select DTE & DCE
- Extends distance of up to 2km (6600 feet) multimode fiber and 120km (396000 feet) long-haul single mode fiber
- LEDs for at-a-glance device status
- Suitable for industrial harsh environment
- Wide voltage range (9 ~ 32V DC)
- FCC Class A & CE approved

Specifications

Standards		Temperature	
EIA/TIA-232, EIA/TIA-574 & CCITT V.28		Operating Temperature	0°C to 50°C
Ports		Storage Temperature	-20°C to 80°C
1 x serial RS-232 (DB-9 Male)		Humidity	
1 x Fiber (ST/SC; Multi-mode / Single-mode)		Operating Humidity	10% to 80% RH
Data Rates		Storage Humidity	5% to 90%RH
Serial	max. 115.2 kbps (asynchronous)	Dimension	
Unit LEDs		109.2x 90x 31.5mm (D x W x H)	
PWR	Illuminated green for normal operation	Weight	
LNK	Illuminated green when fiber is properly connected	280g	
Max Distances		Ordering Information	
Copper	15m	IRF-631MT/MC	
Fiber	Up to 120km (single-mode)	RS-232 to Multi-mode Fiber Converter (ST/SC Connector)	
Power		IRF-631SC-30/60/100/120	
Power Input	9~32V DC	RS-232 to Single-mode Fiber Converter (SC Connector, 30/60/100/120km)	
Power Consumption	2.4w		

*Specifications subject to change without notice.

Dimension

