



Product Description

Briticom® RS232 to FO Converter is a versatile RS-232 interface fibre optic MODEM. It is best choice for connecting a remote terminal unit (RTU) to a host (HOST) or a distributed data acquisition system (SCADA) controller. The product uses optical fibre as the transmission medium, improving the transmission performance of the system, effectively avoiding the harsh environment of lightning, surge and electro-magnetic interference on communications equipment.

Features & Benefits

- Zero delay
- Asynchronous transmission, point to point use, RS232 interface and fibre conversion
- Automatically detect the serial port rate, identify and control the direction of data transmission
- Simplex FC optical port
- Anti-surge protection – 1500W, 15KV electrostatic protection

Technical Specifications

Fibre Type	Single Mode, Multi-Mode
Communication Rate	120 Kbps max.
Fibre Optic Interface Type	Simplex FC
Wavelength	1310nm
Transmission Distance Single Mode Multi-Mode	20km/40km or 80km 0-500m
Min TX PWR	-17.0 dBm
Max TX PWR	-8.0 dB,
Sensitivity	-31.0 dBm
Link Budget	14.0 dBm
RS232 Port Transmission Distance	15m
Power Supply	AC 100-240V, DC 5V

To Order

To place an order, use the contact details below.





Fibre Optic Active

PoE RS232 To FO Media Converter – FC

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Connector		Copper Connection Type		Speed		Distance	
FC	FC	1RJ	1 RJ45	ET	10/100M	10	10km
LC	LC	2RJ	2 RJ45	GB	10/100/1000M	20	20km
SC	SC	4RJ	4 RJ45	G1	1000M	40	40km
ST	ST	6RJ	6 RJ45	G2	2.5GB	60	60km
SF	SFP	8RJ	8 RJ45	G5	5GB	80	80km
		12RJ	12 RJ45	10	10GB	100	100km
		16RJ	16 RJ45			120	120km
		RS2	RS232			550	550m (MM only)
⬆		⬆		⬆		⬆	
FC	S	RS2	EP	GB	SM	20	UK
	⬇		⬇		⬇		⬇
Dual	D	External Power	EP	Single-mode	SM	UK	UK
Single	S	Internal Power	IP	Multimode	M	European	EU
		Power Over Ethernet	PO			US	US
		Industrial PoE	IE				
		OE0	OE				
Type of Transmission		Power Supply		Fibre Connector Type		Plug	

Example Part Number	
Description	Part Number
F0 FC SX 20km to RS232 Media Converter 50KV UK Plug	FCSRS2EPGBSM20UK

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