



BRITICOM

British Pride, Global Power



Fibre Optic Active

Media Converter Dual Fibre To 1 X RJ45 – 1000M



Product Description

Briticom® dual fibre optic to RJ45 Ethernet media converters adapts an ethernet to a multimode or a single mode signal to enhance the transmission distance in LAN installations.

Features & Benefits

- Built-in 2 port switch which supports flow and bandwidth control
- Full duplex utilises two fibre channels, one for transmitting and one for receiving
- Compliant to IEEE 802.3*, FCC and CE standards
- Available with internal or external power supply
- Card-type and media racks also available

Applications

- LAN Applications



Technical Specifications

Transmission Type	1000M FDX
Wavelength (nm)	850~1625
Bandwidth	1.4Gbps
Data Buffer	2Mb
Distance	550m~120km
Operating Temperature	0 to +70
Weight (kg)	0.2 (External Power), 0.4 (Internal Power)
Dimensions (External Power) (mm)	95(L) * 70(W) * 26(H)
Dimensions (Internal Power) (mm)	140(L)* 110(W) * 30(H)
Power Consumption	3.5W
Operating Humidity (%)	5 - 90
Power External	DC5V 2A
LED indicator	POWER (power supply) FX Link/ACT (fibre link/action); TX Link/ACT (RJ45 link/action) 1000M, TDX/COL
Error Rate	< 10 ⁻⁹
Transmission Distance (km) (m)	Multi-mode Dual-fibre 2; Single-Mode Dual-fibre 20/40/60/80/120 Cat 5 Twisted Pair 100
Port	RJ45 Port: STP/UTP Cat 5 Twisted Pair – Optical Port: SC ST FC

To Order

To place an order, use the contact details below.



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
						550	550m (MM only)
▲		▲		▲		▲	
SC	D	1RJ	EP	G1	SM	20	EU
Dual Single	D S	External Power Internal Power Power Over Ethernet Industrial PoE OEO	EP IP PO IE OE	Single-mode Multimode	SM M	UK European US	UK EU US
Type Of Transmission		Power Supply		Fibre Connector Type		Plug	

Example Part Number	
Description	Part Number
Dual FO SC DX to RJ45 Media Converter SM 20km, with External Power 1000M – European Plug	SCD1RJEPG1SM20EU

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