



Fibre Optic Active

SINGLE FIBRE TO 1X RJ45 MEDIA CONVERTER - 10/100/1000M



Product Description

Briticom™ Single Fibre to RJ45 Media Converters can convert an ethernet signal to a single-mode or multi-mode signal, to increase the distance of transmission in structured cabling networks.

Features & Benefits

- Transmission distances up to 120km
- Up to 1.4Gbps data rate
- Half duplex bi-directional fibre utilises WDM to transmit and receive through the same fibre
- Transmission distances from 550m to 120km
- Built-in RAM for data buffer
- Compliant to IEEE 802.3*, FCC and CE standards
- Available with internal or external power supply

Technical Specifications

Cable	SM or MM Fibre/Twisted Pair
Transmission Type	10/100/1000M HDX
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
Transmission Distance(km) (m)	Multi-mode Dual-fibre 2 Single-Mode Dual-fibre 20/40/60/80/120 Cat5 Twisted Pair 100
Port	RJ45 Port: Connecting with STP/UTP Cat5 Twisted Pair Optical Port: SC ST FC

Ordering Information

Description	Part Number
SINGLE FO SC DX/RJ45 MEDIA CONVERTER SM 20KM, W/ EXTERNAL POWER 10/100/1000M W/ EUROPEAN PLUG	SCS1RJEPGBSM20EU