



Product Description

BCP® SFP to RJ45 media converters are used in the same way as dual fibre to RJ45 media converters. They can convert an Ethernet signal to a single-mode or multimode signal, to increase the distance of transmission in structured cabling networks.

Features & Benefits

- Up to 1.4Gbps data rate
- Built-in 2 port switch which supports flow and bandwidth control
- SFP transceiver technology allows adaptation, without replacing media converters
- Built-in RAM for data buffer
- Compliant to IEEE 802.3*, FCC and CE standards
- Card-type and media racks also available

Applications

- LAN Applications
- CCTV

Technical Specifications

Cable	SM or MM Fibre/Twisted Pair
Transmission Type	1000M FDX/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)
Dimensions (External Power) (mm)	95(L) * 70(W) * 26(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, SD
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: Connecting with STP/UTP Cat 5 Twisted Pair; Optical Port: SC ST FC
Conversion Means	Media Conversion, Store-and-Forward





Ordering Information

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

Connector		Copper Connection Type		Speed		Distance	
B/FC	FC	1RJ	1 RJ45	ET	10/100M	10	10km
B/LC	LC	2RJ	2 RJ45	GB	10/100/1000M	20	20km
B/SC	SC	4RJ	4 RJ45	G1	1000M	40	40km
B/ST	ST	6RJ	6 RJ45	G2	2.5GB	60	60km
B/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)
▲		▲		▲		▲	
B/SF	S	4RJ	EP	G1	M	550	EU
	▼		▼		▼		▼
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				
		OEO	OE				
Type Of Transmission		Power Supply		Fibre Connector Type		Plug	

Example Part Number	
Description	Part Number
BCP 2 x SFP Slot to 4 x RJ45 Media Converter with External Power 1000M - European Plug	B/SFD4RJEPG1M550EU