



Product Description

BCP® single-mode to multi-mode media converters allow the switching of fibre types between two media converters. We offer these in both dual fibre to dual fibre and SFP to SFP types, to allow easier changes to the network.

Features & Benefits

- Up to 1.4Gbps data rate
- Transmissions available: 10/100M, 10/100/1000M or 1000M FDX/HDX
- Supports full and half duplex
- Transmission distances from 550m to 120km
- Built-in RAM for data buffer
- IEEE802.3af PoE PSE compatible

Applications

- LAN Applications

Technical Specifications

Data	10/ 100 Mbps (802.3 10Base-T/802.3u 100Base-T) 100Mbps (100Base-FX)
Input Voltage	100VAC to 240VAC
Input Frequency	47Hz to 63Hz
Pin Assignment and Polarity	4/ 5 (V+), 7/ 8 (V-)
Output Power Efficiency	75% min
Short Circuit Protection	Auto recovery
Over Current Protection	Auto recovery
Operating Temperature (°C)	0 to +50
Cooling	Free air convection
Storage Temperature (°C)	-20 to +85
Operating Humidity	90% max, non-condensing
Case Material	Iron
Case Colour	Black
Net Weight	540g Approx.
Dimensions (mm)	110 (W) x 40(H) x 140(L)
Connectors	AC Inlet IEC-J-4 LAN. Shielded RJ45



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/SC	D	1RJ	PO	GB	SM	40	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
BCP PoE Dual FO SC DX/RJ45 Media Converter SM 40km, with External Power 10/100/1000M - European Plug	B/SCD1RJPOGBSM40EU