



Product Description

BCP® 10 GB OEO Media Converters are used to switch high speed optical signals in fibre optic networks by utilising WDM technology with electrical switching.

Features & Benefits

- Functions as a fibre mode converter or fibre repeater for long distance transmission
- For use with SFPs and supports hot-plugging
- Available with internal or external power supply
- Can be installed into a media converter chassis
- Supports Jumbo Frame
- Transparent Transport and very low delay
- Supports ITUT prescribed DWDM/CWDM wavelength
- Full State LED display
- Easy Installation

Applications

- LAN Applications

Technical Specifications

Equipment Function	1R Repeater
Transmission Speed	9.95Gb/s-11.35Gb/s
Protocols	SONET OC-192, SDH STM-64 (9.95Gbps) 10G WAN (10Gbps) 10G LAN (10.31Gbps) OTN OTU-2 (G.709) (10.70Gbps) 10G LAN with 255/237 FEC coding (11.09Gbps) 10G Fibre Channel (11.32Gbps) 10G POS
Interface Type	XFP to XFP
Transmission Distance	XFP module: Up to 80Km
Maximum Packet Forwarding Rate	14,880,950/S
Power Requirement	Rack-mountable: AC 85~220V OR DC -48V Standalone: AC 110~220V OR -48V Power consumption: ≤4W
Work Environment	Operating Temp: 0~ 50°C Storage Temp: -10~ 70°C Humidity: 5%~90% (non-condensing)
Dimension	Card: 11.5mm (W) × 78mm (D) Standalone: 156mm (W) × 128mm (D) × 32mm (H)



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
		2SF	2 SFP Ports			550	550m (MM only)
⬆		⬆		⬆		⬆	
B/SF	D	2SF	OE	10	MS	80	EU
Dual Single	⬇	External Power Internal Power Power Over Ethernet Industrial PoE OEO	⬇	Single-mode Multimode Multimode to Singlemode	⬇	UK European US	⬇
	D		EP		SM		UK
	S		IP		M		EU
			PO		MS		US
			IE				
			OE				
Type Of Transmission		Power Supply		Fibre Connector Type		Plug	

Example Part Number	
Description	Part Number
BCP SFP Slots Media Converter Optical-Electrical-Optical 10GB	B/SFD2SFOE10MS80EU