



Product Description

BCP® supply rack-mount Media Converter Chassis designed for the management of media converters within a cabinet.

Features & Benefits

- For card-type and standalone media converters
- Up to 14 standalone media converters
- Internal power supply for card-type chassis'
- Mounting brackets for standalone media converters
- Redundant power supply (RPS) unit
- SNMP-ready
- Optional DC-48V Power Supply
- Supports up to 16 line-card media converters
- Two loading-sharing, hot-swappable power supplies
- LED status panel for fan, Power and slot
- Supports mix-and-matching between 10/100-base, copper, fibre, single/multi-mode, WDM products with ST or SC connectors
- Ideal for mission-critical networks

Technical Specifications

Capacity	14 standalone media converters
Chassis	Aluminium/Steel
Power	Up to two power supplies Load-sharing, Hot-swappable, Rear-loading
Card Media Converters Adapted	10/100M
Standalone Media Converters Adapted	10/100M, 10/100/1000M, 1000M
Power In	AC 100V ~ 260V; Or DC 48V
Power Out	DC 5V, 20A
Diameter of DC Plug	2.5/5.5mm
Ripple	≤50 Mv
Noise	≤50 Mv
Protection of Power Supply	Circuit-breaker when overvoltage, Circuit-breaker when overflow, Circuit-breaker when short circuit
Operating Temperature	0°C to 50°C
Storage Temperature	20°C to 85°C
Humidity	5% to 95%
Dimensions (mm)	485 (L) 231 (W) 90 (H); 19 Inches 2U
EMI	FCC part 15 class a ROHS



How to Manage Faults with Media Converters

Fault Description	Cause Description	Resolution
Power LED Lamps Are Off	Haven't connected the power plug or not a valid connection	Connect the power plug and make sure it is a valid connection
Link/Act LED Lamp Is Off	Haven't connected the electrical cables to the electrical port or not a valid connection Used the wrong cables for electrical connection Any fault with the NIC and the terminal of Ethernet	Connect the electrical cables to the electrical port and make sure it is a valid connection Use the correct type of electrical cables for electrical connection Make sure the NIC and the terminal of Ethernet can work normally
FX And FX Link/Act LED Lamps Are Off	There might be any faults with the terminal optical devices The optical fibre has broken down or the connection of optical fibre is not valid The optical fibre is over loss	Check the terminal optical devices and the main fibre to see if they can work normally. If not, then maintain them
TX and FX LED Lamps Are Normal but the Data Cannot Be Transmitted	The connection between the optical fibre and devices is not valid, this will cause the TX power to be too weak The system gets power just for a little moment or any changes for the network, these may cost a little time for media converters to adapt	Check the fibre connectors and make sure the connection between the optical fibre and devices is valid If this option can still not work a long time after all installations, then stop the power supply, wait a little moment and try again with the power on

Ordering Information

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

Product		No of Loaded Slots		Connector*		Copper Connection Type*		Plug	
B/CHC	Media Converter Chassis	EM	0 converters	FC	FC	1RJ	1 RJ45	UK	UK
		01	01 converter	LC	LC	2RJ	2 RJ45	EU	European
		02	02 converter	SC	SC	4RJ	4 RJ45	US	US
		05	05 converter	ST	ST	6RJ	6 RJ45		
		10	10 converter	SF	SFP	8RJ	8 RJ45		
		15	15 converter			12RJ	12 RJ45		
		17	17 converter			16RJ	16 RJ45		
⬆		⬆		⬆		⬆		⬆	
B/CHC	14S	EM	GB					EU	
⬇		⬇		⬇		⬇			
17 Slots (Card Type)	17S	10/100M	ET	Dual	D	10km	10		
14 Slots (Standalone)	14S	10/100/1000M	GB	Single	S	20km	20		
		1000M	G1			40km	40		
						60km	60		
						80km	80		
						100km	100		
						120km	120		
						550m (MM only)	550		
No of Slots		Transmission Type		Type Of Transmission*		Distance*			

*Leave blank if empty chassis

Example Part Number	
Description	Part Number
BCP Media Rack Chassis 14 Slot for Standalone Media Converters with 2 Power Supplies & Fan Units 10/100/1000M	B/CHC14SEMGBEU