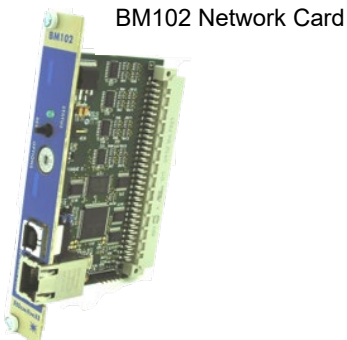# Bluebell ✳

BC Series Modular Fibre Optic Interface System

Description:

- Cost-effective and modular fibre transport system supporting nearly 100 interchangeable BC Series cards
- Handles video, audio, data, and IP signals including 4K, 3G-SDI, HD-SDI, SD-SDI, DVB-ASI, PAL/NTSC, MADI, AES/EBU, analogue audio, Ethernet (10/100/1000BaseT), IP, and RF
- Supports electrical multiplexing and CWDM for high-density fibre transmission (up to 18 wavelengths per fibre)
- Optical splitters and switches available for added redundancy in mission-critical applications
- SNMP and GPI-based monitoring and alarms for system management
- BC100 is a 19" 3RU chassis supporting up to 15 single-slot cards with optional redundant power supplies
- Full SNMP monitoring available with the BM102 network card installed

BC100 Modular 3RU Rack Mounting System

BM102 Network Card

PS100 Power Supply

BC100 3RU 19" frame

Specifications

Conformance	
EMI/RFI	Complies with 89/336/EEC
Electrical	Complies with EN 61000-6-1, EN61000-6-
RoHS	Complies with Directive 2002/95/EC
Warranty	5 Years

General Specifications	
Depth	250 mm
Width	445 mm
Height	132.5 mm (3RU)
Weight	11 kg when fully loaded
Operating Temp	-30 to +70 °C
Voltage Range	90 to 250 V ac 47 to 663 Hz
Power	65 W when fully loaded
Signal Detect	Contact closure for psu failure
No. of slots	15

Ordering Information

BC100	19" 3RU Chassis for up to 15 BC Series Cards Facility for Dual Redundant Power Supplies and BM102 Networking Monitoring Card Optional and ordered separately. IEC Mains Leads not supplied
BC100 v2	19" 3RU Chassis for up to 15 BC Series Cards Facility for Dual Redundant Power Supplies and BM102 Networking Monitoring Card Optional and ordered separately. Fitted with internal fan module assembly IEC Mains Leads not supplied
PS100	100 W 90-250 V ac Power Supply for BC100 V2 Chassis. Two required per frame for redundancy
BM102	Network Monitoring Card with Ethernet connection Monitor the frame and cards via internal web server over http or via SNMP and a third party NMS. Optional – 1 required per frame

Bluebell ✳