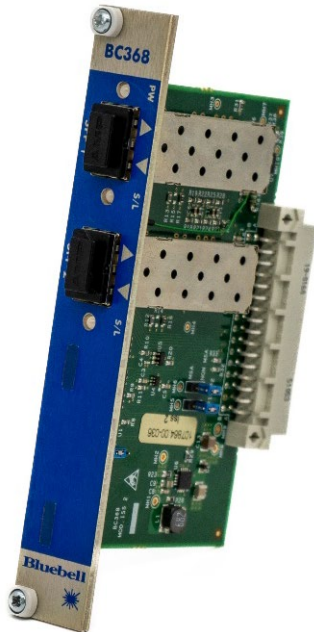


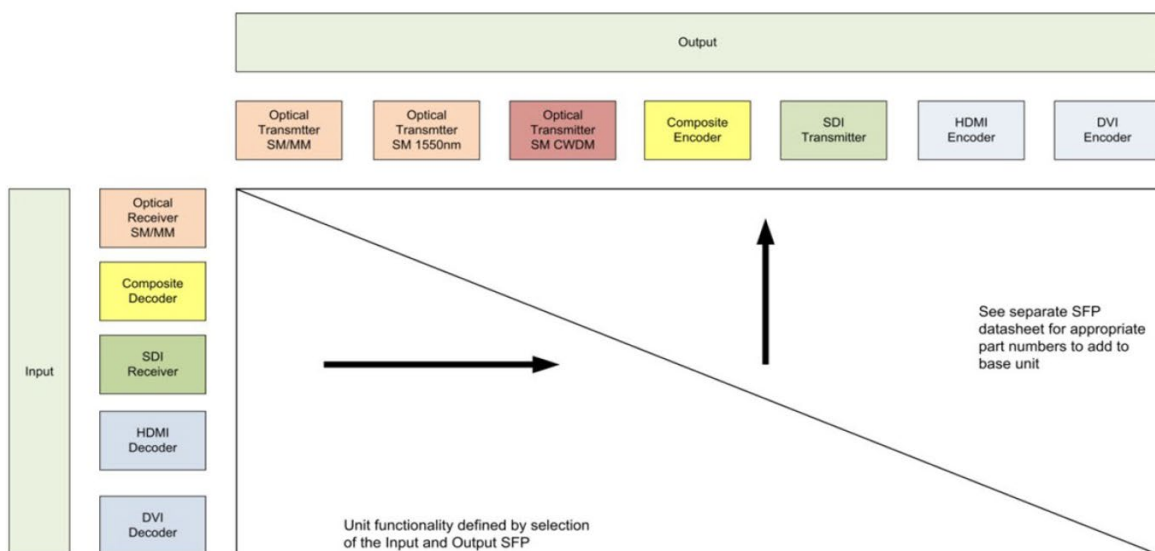
BC Series Modular Fibre Optic Interface System



Description:

- The BC368 is a compact, rack-mounted multi-format converter designed for a wide variety of broadcast video and audio applications.
- It features two SFP cages, allowing users to customise functionality through interchangeable standard SFP modules.
- Supports both optical and electrical format conversion, enabling distribution, signal monitoring, format conversion, and CWDM wavelength management.
- Ideal as a systems engineer's toolkit or a high-performance fixed installation converter.
- Compatible with multi-format SFPs for converting Composite, HDMI, DVI, SDI, and optical signals.
- Can also regenerate optical signals (e.g. multimode to singlemode) or re-map wavelengths in fibre systems.
- Fits a single slot in the BC100 3RU frame (up to 15 cards) or BC160 1RU frame (up to 6 cards).
- Includes SNMP monitoring via the BM102 network card and supports rugged stand-alone enclosures for flexible deployment.

BC368 : Multi-format Interface



Specifications

SDI video SFP (optical & coax)	12G-SDI, 6G-SDI, 3G-SDI, HD-SDI, SD-SDI, DVB-ASI Rates supported from 150Mbps up to 11.88Gbps
HDMI SFP	HDMI v1.4 and DVI 1.0 supported Up to 1920x1080p input format Video data rate supported: 3G-SDI, HD-SDI, SD-SDI
Gigabit Ethernet SFP	Compliant with the standards as specified in IEEE 802. 3-2002 10/100/1000BASE-T speed Data Transfer rate up to 1Gbps
Optical SFP	CWDM 18 Wavelength (λ): 1270 nm to 1610 nm , (Data rate of up to 10Gb/s) SFP transceiver (Support rate up to 2.97Gbps) SFP+ (Data rate of up to 11.3Gb/s) 10 Gigabit Ethernet

General Specifications

Depth	60 mm
Width	20 mm 4HP
Height	129 mm 3RU
Weight	100 g
Operating Temp	-30 to +70 °C
Power	2.5 W
No. of slots	1
Conformance	
EMI/RFI	Complies with 89/336/EEC, EN55022B, EN61000-4-2, EN61000-4-4-(Level 2), EN61000-4-4FTB, EN61000-4-5, EN61000-4-11
Electrical	Complies with EN61000-6-1, EN61000-6-2, EN61000-6-3 EN61000-6-4
Laser Safety	Dependent on SFP fitted Complies with Class 1 laser product
RoHS	Complies with Directive 2002/95/EC
Warranty	5 years

Ordering Information

BC368	Multi-format Dual Channel Interface. Base unit only Requires an input and output MSA/non-MSA Transceiver SFP from recommended list Base Units – No SFP fitted
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