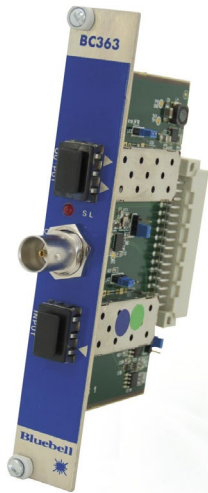


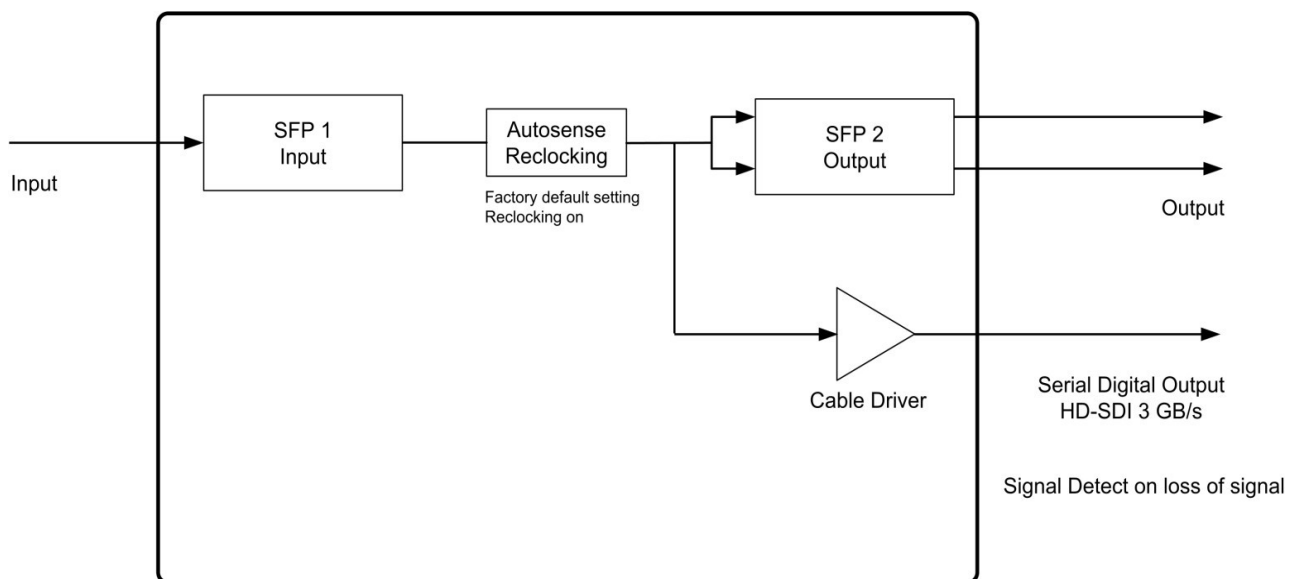
BC Series Modular Fibre Optic Interface System



Description:

- The BC363 is a compact rack-mounted multi-format converter designed for flexible video and audio signal handling in broadcast environments.
- It features input and output SFP cages, allowing the functionality to be easily adapted using a range of interchangeable SFP converter modules.
- Compatible with both optical and electrical formats, the BC363 can handle conversions including composite, HDMI, DVI, optical, and HD-SDI.
- Ideal for both signal conversion and fibre signal regeneration—such as converting multimode to singlemode or changing wavelengths in fibre networks.
- A versatile tool for systems engineers or permanent installations, acting as a customizable signal converter.
- Fits a single slot in the BC100 3RU rack (up to 15 cards) or the BC160 1RU rack (up to 6 cards).
- Supports SNMP monitoring via the BM102 network card; can also be deployed in a standalone rugged enclosure.
- Refer to separate SFP documentation for supported modules and signal options.

BC363 : Multi-format Interface



Specifications

Electrical HD/SD Input	
Connector	1 x 75 Ohm BNC per IEC 60169-8 Amendment 2
Standards	SMPTE 292M, SMPTE 259M, SMPTE 424M
Return Loss	> 15 dB @ 1.485 Gb/s
Signal Level	800 mV +/- 10%
DC Offset	0 +/- 0.5 V
Jitter	<0.15 UI line equalised
Format	Reclocked (With bypass selectable via jumper link)

General Specifications	
Depth	86 mm (Including Connectors)
Width	20 mm 4HP
Height	129 mm 3RU
Weight	100 g
Operating Temp	-30 to +70 °C
Power	3.7 W
Signal Detect	LED red for signal loss
Conformance	
EMI/RFI	Complies with 89/336/EEC,
Electrical	Complies with EN61000-6-1, EN61000-6-2,
Laser Safety	Complies with Class 1 laser product 24 CFR 1040.10 & 1040.11
RoHS	Complies with Directive 2002/95/EC
Warranty	5 years on BC363 base unit

Ordering Information

BC363	Multi-format Single Channel Interface.
	Base unit only - No SFP fitted. Requires an input and output MSA/non-MSA SFP from recommended list. Factory default reclocking on, please specify at time of order if non reclocking required.
	NB : If a dual channel SFP is used in the input position only one channel is active.



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