

# Bluebell

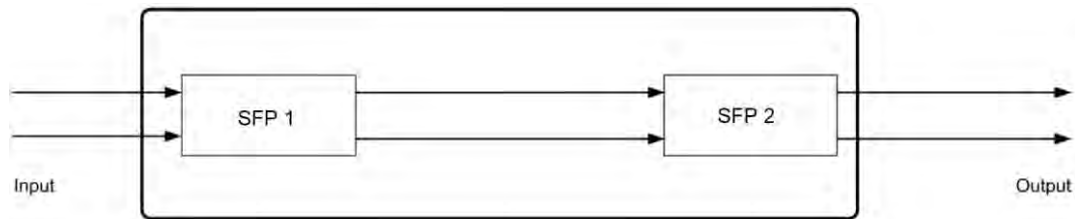
## BN368 Multiformat converter



- Multi-format convert
- Input and output SFP cages
- Conversion to and from Composite, optical, computer generated sources and SDI video
- Allows for applications such as distribution, format conversion, monitoring and Wavelength Management including CWDM.

The BN368 is a dual channel, multi-format interface for use in Outside Broadcast (OB) and studio applications, that are able to handle many different formats of broadcast video, audio and data signals. The unit is supplied with two empty SFP carriers, allowing users to fit their own choice of optical or coaxial SFP cartridges to suit particular operational requirements. The interfaces can typically be used to convert signals between optical and electrical formats, for wavelength management (conversion between wavelengths) and signal monitoring. They can also be used for regenerating multimode optical signals as singlemode (or vice-versa) within existing fibre systems. A wide range of signal types is supported, including 12G-SDI, Computer generated sources, composite video, MADI and Ethernet at various bitrates. The “empty cage” format makes them extremely versatile as their functionality is defined by the user’s choice of SFP cartridges: they can be configured for a different application simply by changing cartridges. Although they can form part of a fixed installation, broadcast engineers will find them a practical “toolkit”, to convert between the many different signal formats now in use. The BN368 is intended for use with transceiver cartridges: internally it comprises two independent, bi-directional signal paths, each of which interconnects a pair of SFP carriers in both directions (Rx to Tx, Tx to Rx).

## Block Diagram



## Specifications

### Media Ports

Type	SFP+, backward compatible with SFP, supports both MSA and non-MSA SFPs to 12Gbps
Number	2

### Power

Connector	XLR, 4-pin, Male
Voltage	12V (Range: 5-17V DC)
Power	<6W (depends on SFPs fitted)

### General

Dimensions	101 x 64 x 30mm (excluding SFP)
Weight	TBC
Operating Temperature	0-50°C
Indicators	Power LED
Warranty	5 years

## Ordering Information

BN368	Multi-format converter including PSU
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**Bluebell** 

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