

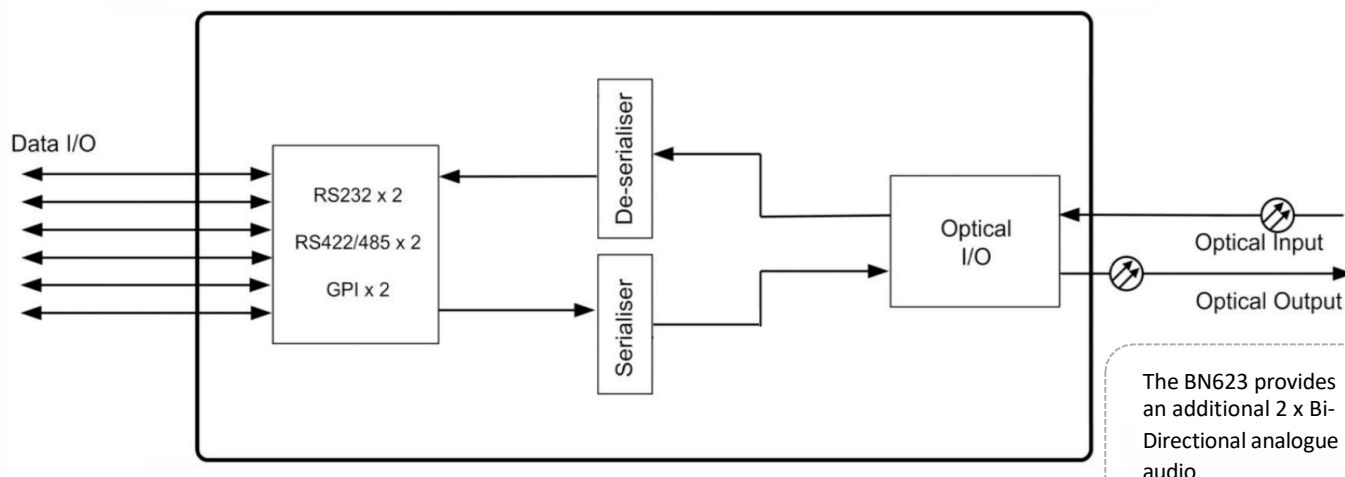
BN Series deployable optical product



Description:

- The BN723 provides serial control data over Fibre
- The rugged design allows the unit to be deployed in OB or flypack applications.
- Can be supplied in multimode, singlemode, and CWDM variations to suit all applications, offering a perfect complement to the video to optical converters.
- Power can be supplied direct to the unit from the standard bluebell PS12 or any readily available DC supply found on-site.
- A complimentary modular BC Series card is also available when a 19" rack-based solution is required

BN723 Schematic Diagram:



Specifications

Electrical Input

Connector	44 Pin D connector
Format	20 Hz-20 kHz± 0.3 dB 2 x RS232 Bi-Directional 2 x RS422/485 Bi-Directional 2 x GPI Bi-Directional

Optical Output

Connector	1x female LC as standard per channel
Tx wavelength and power plus receive sensitivity are defined by the SFP fitted Typical values are outlined below	TX Power -2dBm@1310nm (typical) - 2dBm@1510nm (typical) 0 dBm@CWDM (typical)
RX Wavelength	1200-1619 nm
RX Sensitivity	> -24dBm@1.25 Gb/s
Max I/P Power	> -1 dBm

General Card Specification

Depth	92mm
Width	64mm
Height	30mm (Excluding Connectors)
Weight	100g
Operating Temp	-30 to 70°C
Power	2.5 W

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

BN723	Data Fibre Optic Transceiver Base Module. 2 x RS232, 2 x RS422/485 and 2 x GPI over fibre. No Optics Fitted. Includes PS12 Power Supply.
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