

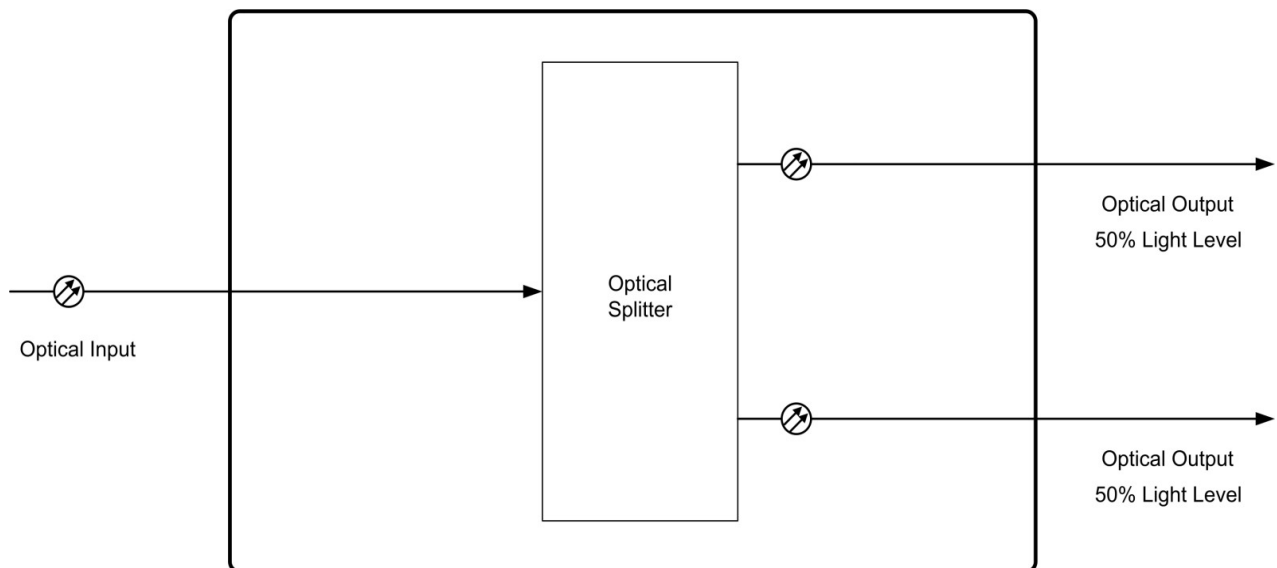
BC Series Modular Fibre Optic Interface System



Description:

- Passive optical splitter for distributing a single input across multiple outputs
- Acts as an optical power splitter using planar lightwave circuit (PLC) technology
- Provides low insertion loss and low polarisation dependent loss (PDL)
- Supports a wide wavelength range for flexible deployment
- Stable and reliable performance across varying temperature conditions
- Ideal for critical signal applications requiring high optical integrity

BCSPLIT : Optical Splitters



Specifications

Optical Specifications

Connector	Singlemode LC
Wavelength	1260 – 1625 nm
Return loss	> 50 dB
Directivity	> 55 dB
Max Optical Power	300 mW
Operating Temp	-40 to 85 °C
Storage Temp	-40 to 85 °C
Ports	1x2 1x3 1x4 1x8
Insertion loss (@23°C) dB	3.5 6.8 6.8 10.1
Insertion Loss (-40 to 85 °C) dB	3.7 7.1 7.1 10.4
Channel Uniformity dB	0.6 0.6 0.6 1.0
Polarisation Loss dB	0.2 0.2 0.2 0.2

General Specifications

Depth	60 mm
Width	20 mm 4TE
Height	100 mm 3RU
Weight	100 g

Ordering Information

BCSPLIT	1 input, 2 output Optical Splitter, each leg at 50% light level.	1 slot device.
BCSPLIT1x3	1 input, 3 output Optical Splitter, each leg at 33% light level.	1 slot device.
BCSPLIT1x4	1 input, 4 output Optical Splitter, each leg at 25% light level.	1 slot device.
BCSPLIT1x8	1 input, 8 output Optical Splitter, each leg at 12.5% light level.	1RU patch panel style device.

Please contact the Sales Office if other percentage splits or connector formats are required.

Universal Chassis and Power Supplies

BC100-3RU	19" 3RU Chassis for up to 15 BCxxx Cards with optional Network Monitoring and facility for Dual Redundant Power Supplies (not supplied).
BC100-3RU/48V	19" 3RU Chassis for up to 15 BCxxx Cards with optional Network Monitoring and facility for Dual Redundant Power Supplies (not supplied). Fitted with 48V dc input.
BM100	Network Monitoring Card with GPI Output on a SCSI Connector for Slot-16
BM101	Network Monitoring Card with Ethernet connection for Slot-16
BC140	Extender Card for BC100 3RU Chassis
PS65	90-250VAC Power Supply for BC100-3RU or BB100-3RU Chassis
BC160	1RU Chassis for up to 6 BCxxx Cards. Includes Dual Redundant Power Supplies.
BC160P	19" 1RU Chassis for up to 6 Passive BCxxx Cards. No psu or monitoring capability.
BC110	Single Slot Chassis with Universal Mains Power Supply
BC120	Triple Slot Chassis with Universal Mains Power Supply



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