

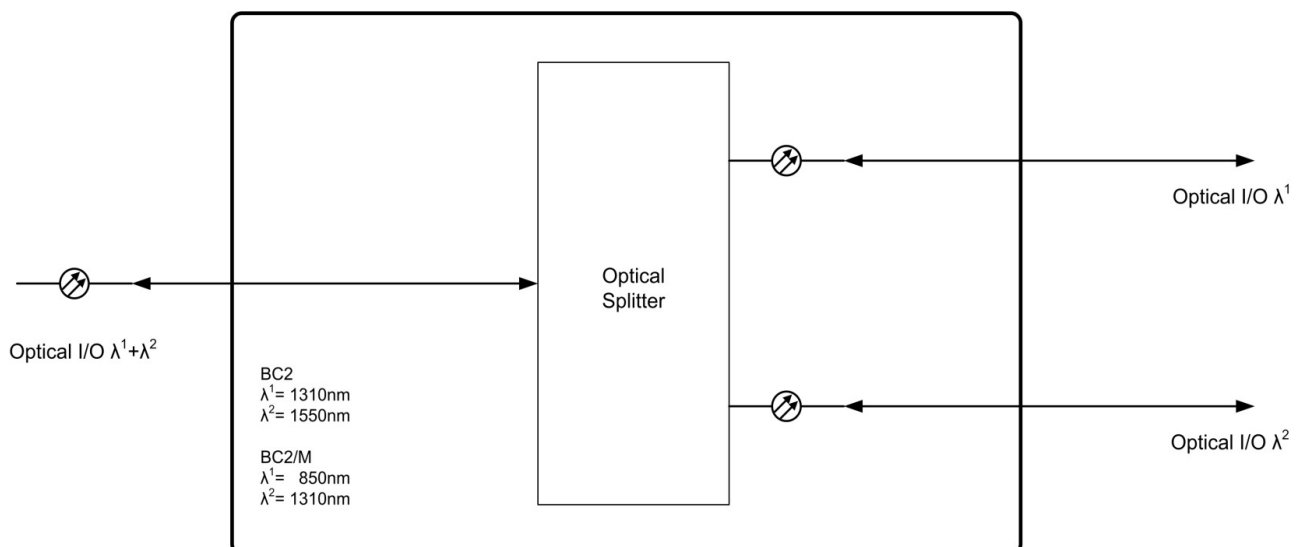
Wavelength Division Multiplexer/Demultiplexer



Description:

- Passive device for multiplexing or demultiplexing two optical wavelengths over a single fibre
- Supports 1310 nm and 1550 nm on singlemode fibre (BC-2), and 850 nm and 1310 nm on multimode fibre (BC-2/M)
- Uses standard transmitters and receivers for cost-effective WDM
- Enables bidirectional communication and increases network capacity without infrastructure upgrades
- Compatible with CWDM systems (1310 nm port: 1270–1410 nm, 1550 nm port: 1470–1610 nm)
- Available for rack-mount (BC100-3RU, BC160-1RU) or stand-alone use (BC101, BC102, BC120)

Wavelength Division Multiplexer/Demultiplexer



Specifications

Optical Specifications

Connector	BC-2	LC
	BC-2/M	ST
Wavelength	BC-2	1310nm and 1550nm
	BC-2/M	850nm and 1310nm
Insertion loss		
WDM 850/1310	1310nm port, 2dB Maximum Loss 850nm port, 3dB Maximum Loss	
WDM1310/1550	1310nm port, 2dB Maximum Loss 1550nm port, 2dB Maximum Loss	
Isolation		
WDM 850/1310	> 30dB between 1310nm/850nm ports	
WDM 1310/1550	> 30dB between 1310nm/1550nm Passes CWDM wavelengths in the ranges 1270-1410nm and 1470- 1610nm	

General Specifications

No. of slots	1
Depth	60 mm
Width	20 mm
Height	100 mm 3RU
Weight	100 g
Operating Temp	0 to +70 °C
Max Optical Power	250 mW

Ordering Information

BC2/LC	Wave Division Multiplexer for combining/separating singlemode 1310nm and 1550nm wavelengths. Fitted with LC connectors.
BC2/2/LC	Wave Division Multiplexer for combining/separating singlemode 1310nm and 1550nm wavelengths. Two independent WDM units on a single BC Series card. Fitted with LC connectors.
BC2/M	Wave Division Multiplexer for combining/separating multimode 850nm and 1310nm wavelengths. Fitted with ST connectors.

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

Fitted with LC connectors as standard

For all available enclosures and frames see section “Universal Chassis and Power Supplies”.

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