

C Band Red/Blue Micro-Optic WDM Device

Features

- Wide operating wavelength range
- Low insertion loss
- High channel isolation
- High stability and reliability
- Telcordia qualification compliant



Application

- Module integration
- Fiber optical amplifiers
- DWDM/CWDM systems

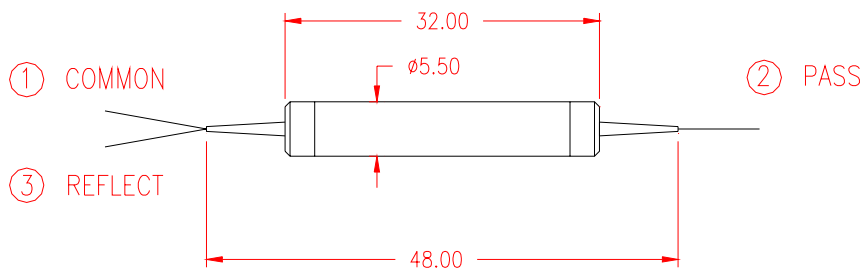
Specifications

Parameter		Unit		BWDM C Band Red/Blue Serials
Pass Band	Long pass	nm	-	1547.4 - 1561.0
	Short Pass	nm	-	1530.0 - 1543.2
Reflection Band	Long pass	nm	-	1530.0 - 1543.2
	Short pass	nm	-	1547.4 - 1561.0
Insertion Loss	Pass Channel	dB	Max	0.8
	Reflection Channel	dB	Max	0.6
Isolation	Pass Channel	dB	Min	25
	Reflection Channel	dB	Min	12
Pass Band Ripple		dB	Max	0.3
Polarization Dependent Loss (PDL)		dB	Max.	0.1
Polarization Mode Dispersion (PMD)		ps	Max.	0.1
Return Loss (RL)		dB	Min.	50
Directivity (DIR)		dB	Min.	55
Power Handling		mW	Max.	300
Operating Temperature		°C	-	-5 ~ 65
Storage Temperature		°C	-	-40 ~ 85
Tensile Load		N	Max.	5
Package Dimension		mm	-	Φ5.5x32 mm for 250um bare fiber Φ5.5x38 mm for 900um loose tube

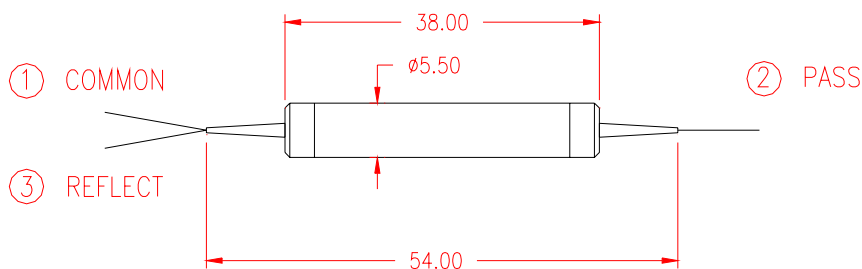
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
- (2) Customized spec is available.
- (3) Customized package size is available.
- (4) C specify – Customer specify.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μm loose tube



Ordering Information

BWDM — —

Device /Module	Filter Type	Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
3 – 3 port device	L – Long pass S – Short pass	RBSC – C band Red/Blue Separator	1 – Corning SMF 28	1 – 250 μm 2 – 2 mm 3 – 3 mm 6 – 1.6 mm 9 – 900 μm	1 \geq 1m X – C Specify	0 – None 1 – FC/UPC 2 – FC/APC 3 – SC/UPC 4 – SC/APC 5 – LC 6 – MU X – C Specify

i.e.: **BWDM-3LRBSC-1915**

BWDM –3 port device, C Band Red pass / Blue reflect – Corning SMF 28 fiber, 900 μm diameter, 1 m pigtail length, LC connectors.

Contact Information

For more information about BATi's' leadership in variable optical attenuation and modulation technology and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

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