

DWDM Band Separator

Features

- 100GHz or 200GHz channel spacing
- Low insertion loss
- High isolation
- Epoxy-free optical path
- High stability and reliability
- Telcordia qualification compliant



Application

- Dense WDM module
- Channel separator

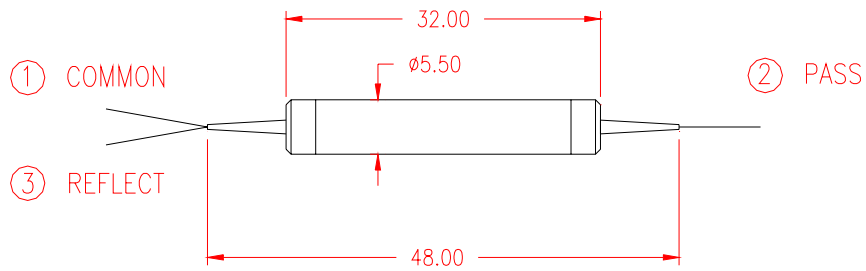
Specifications

Parameter		Unit		MWDM L Band Red/Blue Serials
Pass Band	Long pass	nm	-	1589.0 - 1603.0
	Short pass	nm	-	1570.0 - 1584.0
Reflection Band	Long pass	nm	-	1570.0 - 1584.0
	Short pass	nm	-	1589.0 - 1603.0
Insertion Loss	Pass Channel	dB	Max	1.0
	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

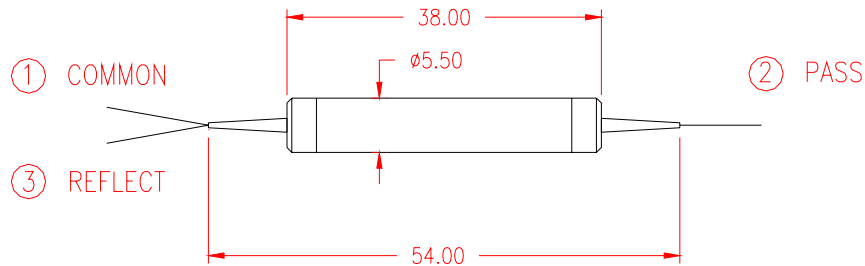
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
(2) Customized dimension is available.
(3) C specify – Customer specify.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μ m loose tube



Ordering Information

DWBS – –

Device /Module	Channel space	Number of channels	Starting ITU channel	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
3 – 3 port device	1 – 100 GHz 2 – 200GHz	0- 4 skip 0 1-4 skip 1 2-5 skip 0 3- 5 skip 1 4- 6 skip 0 5-6 skip 1 6-7skip 0 7-7skip 1 8-8 skip 0 9 - 8 skip 1 X-other	C33-channel C33	1 – Corning SMF-28	1 – 250 μ m 2 – 2 mm 3 – 3 mm 6 – 1.6 mm 9 – 900 μ m	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.: **DWBS-317C33-1110**

DWBS – 100GHz band splitter, 7 skip 1, start from C33

Corning SMF-28 fiber, 250 μ m primary coatings, 1 m pigtail length, no connector.

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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