

1310/1550nm 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

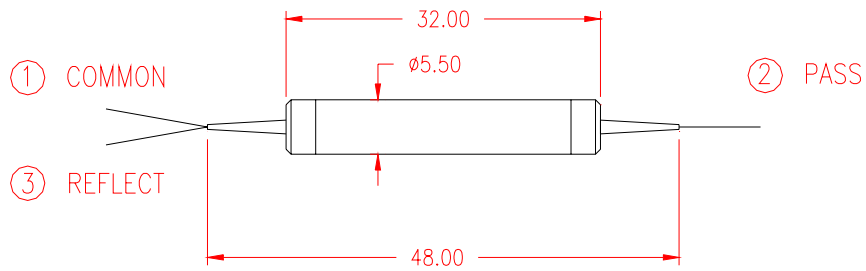
Specifications

Parameter		Unit		MWDM 1513 Series
Pass Band	Long pass	nm	-	1520~1610
	Short Pass	nm	-	1250~1350
Reflection Band	Long pass	nm	-	1250~1350
	Short pass	nm	-	1520-1610
Insertion Loss	Pass Channel	dB	Max	High Isolation: 1.0 Standard: 0.6
	Reflection Channel	dB	Max	High Isolation: 0.8 Standard: 0.5
Pass Channel Isolation		dB	Min	45
Reflection Channel Isolation	High Isolation	dB	Min	45
	Standard Isolation	dB	Min	15
Pass Band Ripple		dB	Max	0.2
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

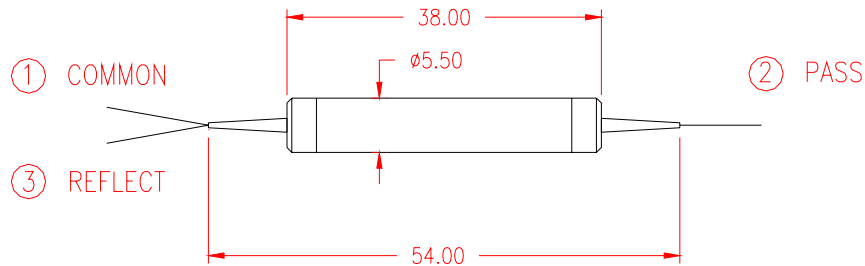
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
- (2) Customized spec is available.
- (3) Customized package size is available.
- (4) C specify – Customer specify.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μ m loose tube



Ordering Information

MWDM——

Device /Module	Filter Type	Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
H- High Isolation S- Standard Isolation	L – Long pass S – Short pass	1513- 1310 / 1550 nm WDM	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. : **MWDM-3L1513-1915**

MWDM –Standard isolation, 1550nm pass / 1310 nm reflect – Corning SMF 28 fiber, 900 μ m 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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