1310/1550/1620nm WDM Device

Features

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

Application

- Module integration
- FTTH
- WDM system

Specifications

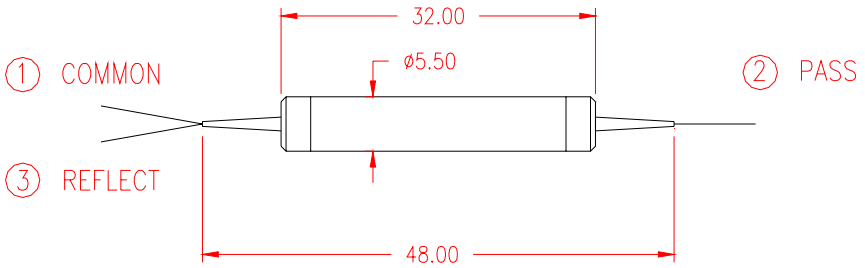
Parameter		Unit		Three Wavelength WDM Serial
Pass Band	Long pass	nm	-	1605~1640
	Short Pass	nm	-	1260-1360+1500-1580
Reflection Band	Long pass	nm	-	1260-1360+1500-1580
	Short pass	nm	-	1605~1640
Insertion Loss	Pass Channel	dB	Max	0.8
	Reflection Channel	dB	Max	0.5
Isolation	Pass Channel	dB	Min	25
	Reflection Channel	dB	Min	15
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.

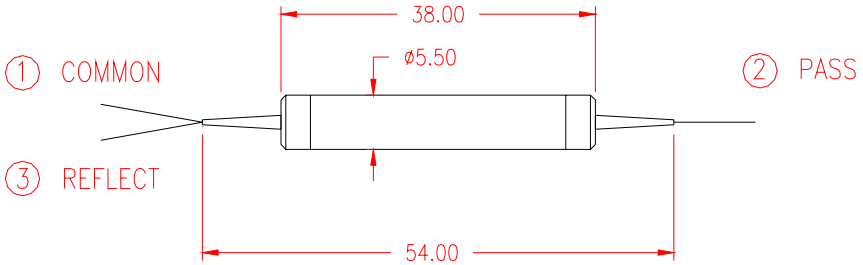
BATi
Boston Applied Technologies,Inc.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μm loose tube



Ordering Information

TWDM – □ □ □ □ □ □ – □ □ □ □

Device /Module	Filter Type	Pass Wavelength	Reflect Wavelength
3 – 3 port device	TWL – Three wave Long pass TWS –Three wave Short pass	1-980 2-1310 3-1480 4-1550 5-1590 6-1620 7-1310+1550 8-1480+1550 9-1310+1480 C-C Specify	1-980 2-1310 3-1480 4-1550 5-1590 6-1620 7-1310+1550 8-1480+1550 9-1310+1480 C-C Specify

Fiber Type	Fiber Jacket	Fiber Length	Connector Type
1 – Corning SMF 28	1 – 250 μm 2 – 2 mm 3 – 3 mm 6 – 1.6 mm 9 – 900 μm	1 ≥ 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-3TWL67-1915**

MWDM –3 port Three wavelength WDM, 1620 pass, 1310/1550 reflect – Corning SMF 28 fiber, 900 μm diameter, 1m 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:

Phone: 1-781-935-2800
Fax: 1-781-935-2860
E-mail: sales@bostonati.com