

C Band Supervisory MWDM Device

Features

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



Application

- Fiber optical amplifiers
- System Monitoring

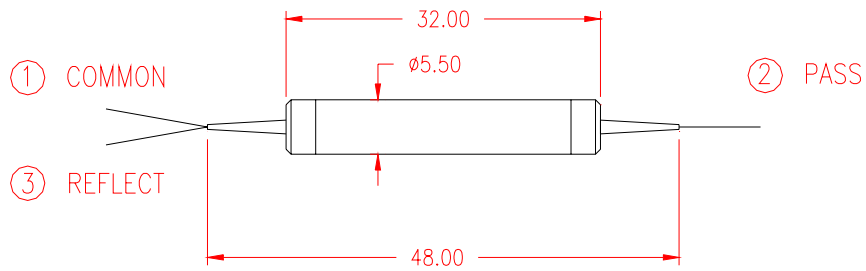
Specifications

Parameter		Unit		MWDM CSU Serials
Pass Channel Wavelength Range		nm	-	1500~1520
Reflection Channel Wavelength Range		nm	-	1530~1563
Insertion Loss	Pass Channel	dB	Max	0.8
	Reflection Channel	dB	Max	0.5
Isolation	Pass Channel	dB	Min	30
	Reflection Channel	dB	Min	13
Pass Band Ripple		dB	Max	0.3
Polarization Dependent Loss (PDL)		dB	Max.	0.1
Polarization Mode Dispersion (PMD)		ps	Max.	0.05
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

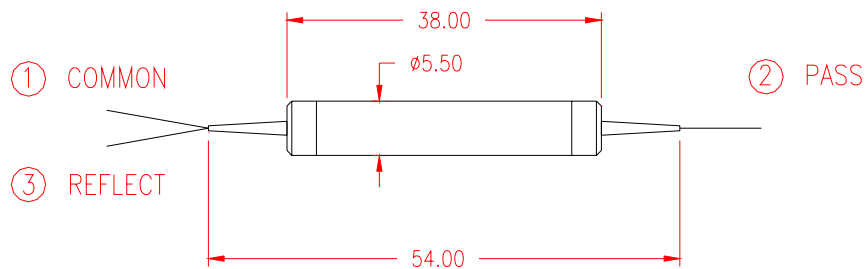
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
- (2) Customized spec is available.
- (3) Customized package size is available.
- (4) C specify – Customer specify.

Package dimension

P1: SMF-28 bare fiber



P2: 900 μ m loose tube



Ordering Information

MWDM— —

Device /Module	Filter Type	xx	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
3 – 3 port device	CSU -1510nm pass C band Supervisory	00	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-3CSU00-1915**

MWDM –3 port device, 1510nm pass c band supervisory – 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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