

980/1550nm Micro-Optic WDM 3 Port 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

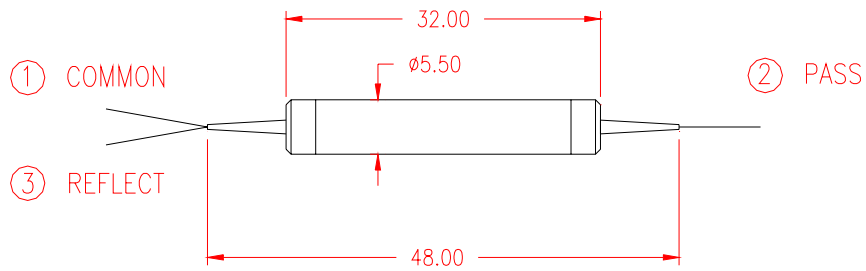
Specifications

Parameter		Unit		MWDM 1598 Serials
Pass Band		nm	-	1520~1610
Reflection Band		nm	-	965~995
Insertion Loss	Pass Channel	dB	Max	0.8
	Reflection Channel	dB	Max	0.5
Isolation	Pass Channel	dB	Min	30
	Reflection Channel	dB	Min	18
Pass Band Ripple		dB	Min	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

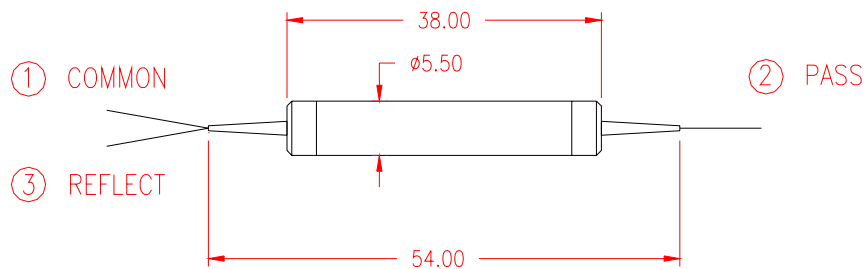
- (1) Values referenced without connector loss. Operating temperature and all state of polarization effects are considered.
- (2) Customized spec is available.
- (3) Customized package size is available.
- (4) C specify – Customer specify.

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
3 – 3 Port Device	L – Long pass S – Short pass	1598 – 1550 / 980 nm	1 – Corning SMF-28 2 – Corning HI 1060 3 – Corning HI 980	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-3L1598-1915**

MWDM – 3 port device, 1550nm pass / 980 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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