

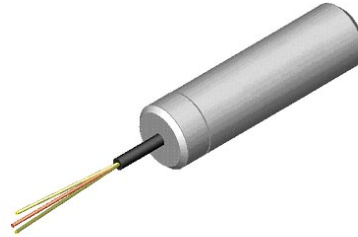
CWDM 3-Port Reflecting Type Device

Features

- Compact design
- High Isolation
- Low Insertion Loss
- Epoxy-free optical path
- High stability and reliability

Application

- Metro optical networks
- CATV System
- WDM System

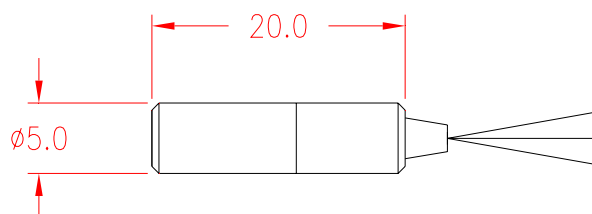


Specifications

Parameter		Unit		Specification
Center Wavelength (λ_c)		nm	-	"1" Series: 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 "0" Series: 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610
Channel Spacing		nm	-	20
Pass Band Width		nm	Min	$\lambda_c \pm 6.5$
Insertion Loss	Pass channel	dB	Max	0.8
	Reflection channel	dB	Max	0.6
Isolation	Pass channel (adj.)	dB	Min	50
	Pass channel (non-adj.)	dB	Min	50
	Reflection channel	dB	Min	15
Pass Band Ripple		dB	Max	0.2
Temperature Dependent Loss (TDL)		dB/°C	Max	0.003
Thermal Wavelength Drift		nm/°C	Max	0.002
Polarization Dependent Loss (PDL)		dB	Max	0.1
Polarization Mode Dispersion (PMD)		ps	Max	0.1
Return Loss (RL)		dB	Min	45
Directivity (DIR)		dB	Min	50
Power Handling		mW	Max	300
Operating Temperature		°C	-	-5 ~ 65
Storage Temperature		°C	-	-40 ~ 85
Package Dimension		mm	-	Φ5.0 x20 mm

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

Package dimension



Ordering Information

CWDM – –

Device Type	Series	Center Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
R – Reflect 3 port package	1 – “1” Series 0 – “0” Series	Center Wavelength (four digits)	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. **CWDM-R11551-1110**

CWDM – Reflect package 3 port device, “1” series, 1551 nm center wavelength – Corning SMF-28 fiber, 250 μ m primary coatings, 1 m fiber 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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