

CWDM OADM Module

Features • 20nm channel spacing • Low insertion loss • High channel isolation • Epoxy-free optical path • High stability and reliability Application • CWDM Channel Add/Drop • Metro optical networks • CATV System	
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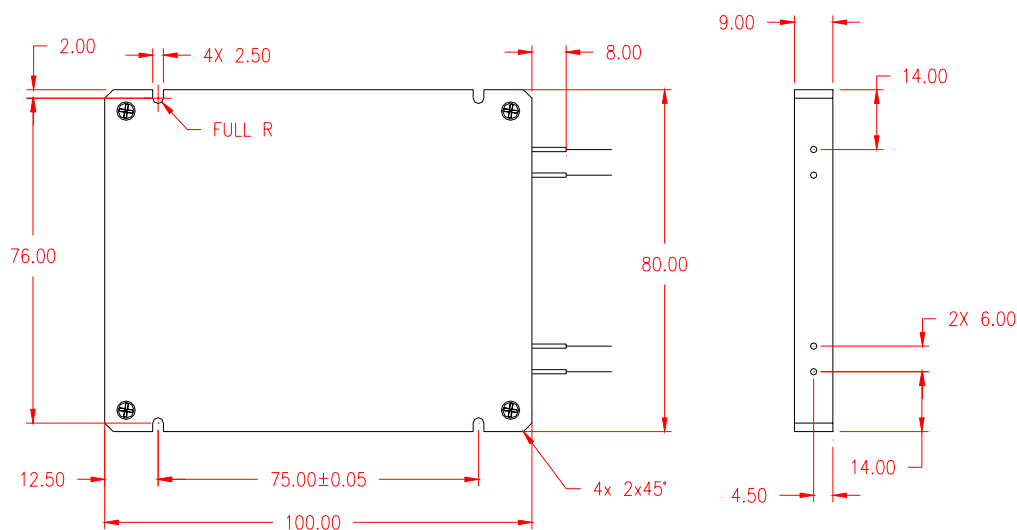
Specifications

Parameter		Unit		1 Channel	2 Channel
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	
Channel Pass Band		nm	Min	$\lambda_c \pm 6.5$	
Insertion Loss	Add / Drop channel	dB	Max	0.8	1.2
	Express channel	dB	Max	0.8	1.4
Isolation	Drop channel (adjacent)	dB	Min	30	
	Drop channel (non-adjacent)	dB	Min	45	
	Express Channel	dB	Min.	25	
Add / Drop Channel Ripple		dB	Max	0.3	
Polarization Dependent Loss		dB	Max	0.1	
Polarization Mode Dispersion		ps	Max.	0.1	
Return Loss		dB	Min	45	
Directivity		dB	Min	50	
Power Handling		mW	Max	300	
Tensile Load		N	Max	5	
Operating Temperature		°C	-	-5 ~ 65	
Storage Temperature		°C	-	-40 ~ 85	
Package Dimension		mm	-	100 (L) x 80 (W) x 9 (H)	

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

Package Dimension

1 CH OADM Module



Ordering Information

OADM — —

Type of Filter	Series	Center Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
C – CWDM	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. : **OADM-C11551-1213**

OADM – CWDM optical add/drop module, “1” series, center wavelength at 1551nm – Corning SMF-28 fiber, 2 mm cable jacket, 1 m pigtail length, SC/UPC 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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