

Coarse Wavelength Division Multiplexer

6-Port Add/Drop Filter

DESCRIPTION

Browave develops high quality 6-port CWDM device with flat channel bandwidth, low insertion loss, high isolation and stable environmental performance. One 6-port device can perform the function of two 3-port devices. It can achieve low cost design in application. This design can also implemented in some edge filter or DWDM 200GHz application.

FEATURES

- ↓ High channel isolation
- ↓ Low insertion loss
- ↓ High stable and reliable
- ↓ Epoxy-free optical path
- ↓ Low profile packaging
- ↓ Telcordia (Bellcore) Compliant

APPLICATIONS

- ↓ CWDM systems
- ↓ Metro/Access communication networks
- ↓ Fiber-optic instruments

SPECIFICATIONS

Parameter	Specification
Channel Center Wavelength	1430-1610 (1431-1611)nm
Channel Spacing	20nm
Min Channel Passband	c+/-7.0nm
Max Add/Drop Channel Insertion Loss	0.70dB (0.50dB typ.)
Max Add/Drop Channel Insertion Loss Variation	0.20dB
Max Remaining Channel Insertion Loss	0.40dB (0.30dB typ.)
Min Adjacent Channel Isolation	30dB
Min Non-adjacent Channel Isolation	40dB
Min Remaining Channel Isolation	12dB
Max Insertion Loss Temperature Sensitivity	C: 0.15dB
Min Directivity	50dB
Min Return Loss	50dB
Max Polarization Dependent Loss	0.10dB
Max Polarization Mode Dispersion	0.10ps
Max Power Handling	500mW
Max Tensile Load	5N
Operating Temperature	-5 to +70
Storage Temperature	-40 to +85
Package Dimension (DxL)	C : ()3.2mm*(L)34mm

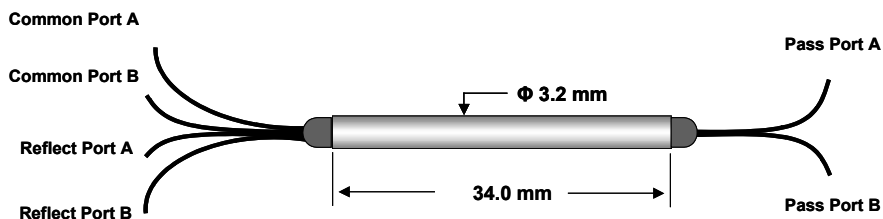


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PHYSICAL DIMENSION

C



ORDERING INFORMATION

