

Compact CWDM Module 16 Channel / 18 Channel

Description

Compact Coarse Wavelength Division Multiplexer (CCWDM) is expanding the bandwidth of Metro / Access communications networks. Browave's CCWDM is based on thin film filter technology and metal bonding micro optic packaging.

Browave provides high quality CCWDM with flat channel bandwidth, flexible channel configuration, low insertion loss and high isolation. It is designed to upgrade capacity easily as the system grows. All Browave products are epoxy-free in the optical path.

Features

- ▶ Telcordia GR-1221 compliance
- ▶ High temperature stability
- ▶ Low insertion loss
- ▶ Epoxy-free optical path
- ▶ Compact size

Application

- ▶ Metro/Access communication networks
- ▶ Fiber optic instruments
- ▶ Mobile optical networks

Specification

Parameter	Unit		16CH	18CH
Operating Wavelength	nm		1271~1611	
Channel Spacing	nm		20	
Channel Passband	nm		CWL \pm 6.5	
Insertion Loss (without connector)	Max.	dB	1.6	1.8
Adjacent Channel Isolation	Min.	dB	30	
Non-Adjacent Channel Isolation	Min.	dB	45	
Directivity	Min.	dB	55	
Return Loss	Min.	dB	45	
Polarization Dependent Loss	Max.	dB	0.2	
Polarization Mode Dispersion	Max.	ps	0.1	
Passband Ripple	Max.	dB	0.5	
Tensile Load	Min.	N	5	
Power Handling	Min.	mW	300	
Operating/Storage Temperature	°C		-40 ~ 85	
Package Dimension (L x W x H)	mm		45 x 25 x 6	

Dimension

