

200GHz & 100GHz

16-Channel DWDM

D04-0109-1.0



DESCRIPTION

Browave dense wavelength division multiplexer(DWDM) is based on thin film filter technology and metal bonding micro optics packaging. Browave provides high quality DWDM 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 and are used in high-power applications in DWDM systems.

FEATURES

- » 200GHz&100GHz Channel Spacing
- » High Channel Isolation
- » Low Insertion Loss
- » Highly Stable & Reliable
- » Epoxy-Free Optical Path
- » Low Profile Packaging

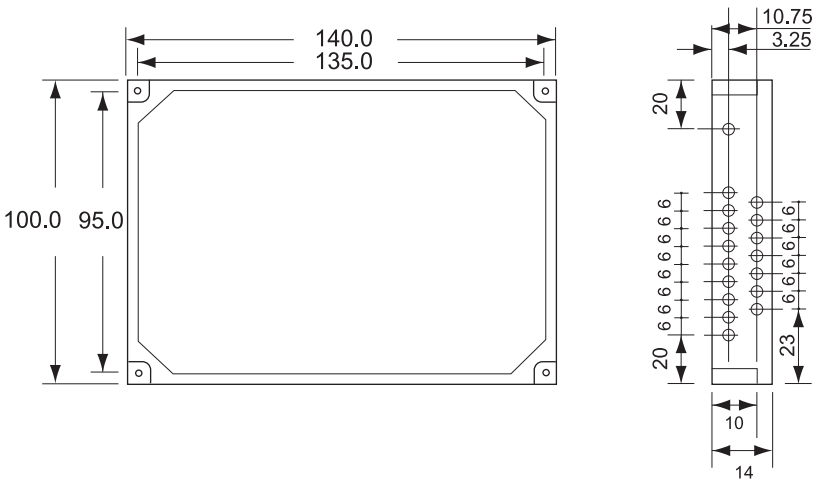
APPLICATIONS

- » Dense WDM Systems
- » CATV Fiberoptic Links
- » Fiber Amplifier System
- » Fiberoptic Instruments

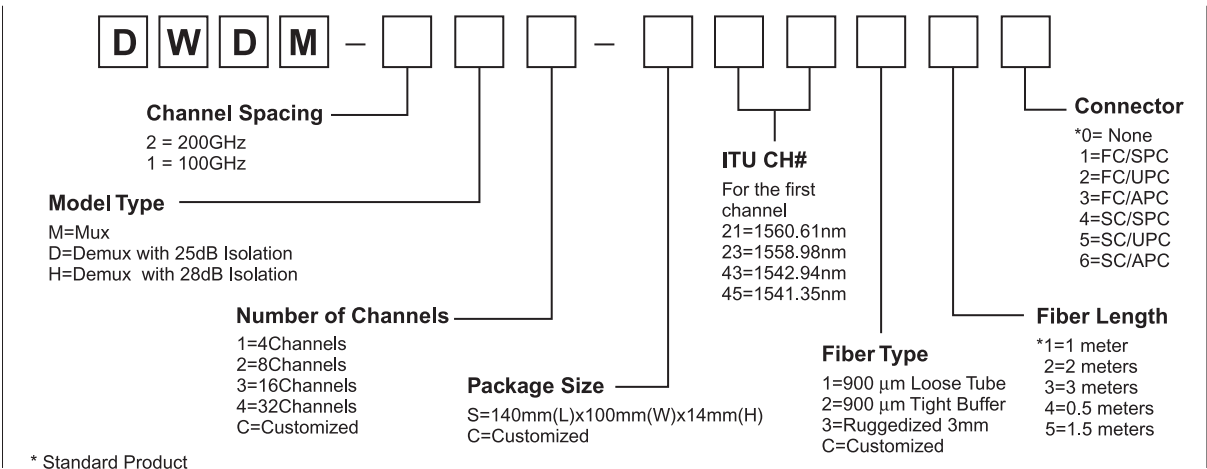
SPECIFICATIONS

Parameter	Mux	Demux	Mux	Demux
Channel Number	16			
Channel Spacing	200GHz		100 GHz	
Channel Passband	ITU±0.25 nm		ITU±0.10 nm	
Typ. Insertion Loss (Without Connector)	5.5 dB		6.0 dB	
Maximum Insertion Loss (Without Connector)	6.0 dB		6.5 dB	
Maximum Passband Flatness	0.5 dB		1.0 dB	
Maximum Channel Uniformity (@ Central Wavelength)	2.0 dB		2.0 dB	
Minimum Isolation (adjacent channels)	N/A	25dB	N/A	25dB
Minimum Isolation (non-adjacent channels)	N/A	40 dB	N/A	40 dB
Minimum Directivity	60 dB			
Minimum Optical Return Loss	45 dB			
Maximum Polarization Dependent Loss	0.1 dB		0.2 dB	
Maximum Polarization Mode Dispersion	0.1 ps			
Maximum Thermal Stability	0.007 dB/°C			
Maximum Optical Power	300 mW			
Maximum Tensile Load	5N			
Operating Temperature	0°C to + 65°C			
Storage Temperature	-40°C to + 85°C			
Package Dimension	S: 140mm(L)×100mm(W)×14mm(H)			

PACKAGING DIMENSION



ORDERING INFORMATION



* Standard Product