

0601 DWDM 50 G

W1322-S



1X2 DWDM Channel 22, 50 G, 1559.79 nm

The DWDM is designed for long-haul transmission where wavelengths are packed tightly together. The 50 GHz spacing DWDM filters allow system designers optimal configuration flexibility. They feature low insertion loss, high channel isolation, and excellent environmental stability and reliability. They can be used for channel add/drop, DWDM network, wavelength routing and fiber optic filter.

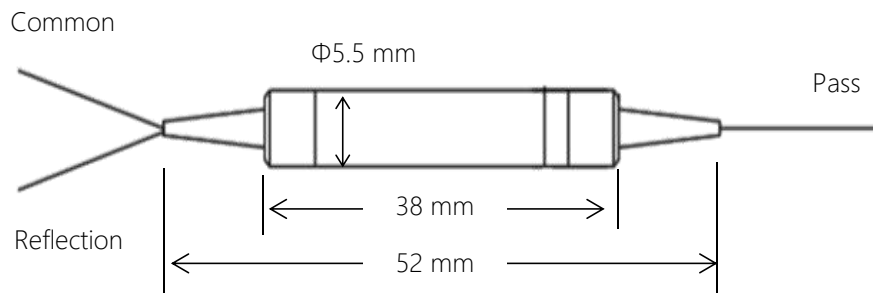
FEATURES

- 0.4 nm Channel Spacing
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Low Insertion Loss

USE IN

- HFC Fiberoptic System
- Channel Add/Drop
- Wavelength Routing
- Fiber Optic Amplifier
- DWDM Network

MECHANICAL DIAGRAM



Channel Passband (@-0.5 dB Bandwidth)	0.22 nm min.	
Pass Channel Insertion Loss	1.0 dB max.	
Reflection Channel Insertion Loss	0.4 dB max.	
Return Loss	45 dB min.	
Directivity	45 dB min.	
Wavelength Temperature Shifting	0.001 nm/°C max.	
Isolation Pass Channel	30 dB min.	
Isolation Reflect Channel	13 dB min.	
Insertion Loss Temperature Sensitivity	0.3 dB max.	
Polarization Mode Dispersion	0.1 ps max.	
Polarization Dependent Loss	0.1 dB min.	
Power Handling	300 mW max.	
Operating Temperature	-10°C to +70°C	
Storage Temperature	-40°C to +85°C	
Dimension	For 250 μm, 900 μm	5.5x5.5x38 mm
	For 2.0 mm, 3.0 mm	90x20x10 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 μm, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.