

0602 PM DWDM

W1315-P



1X2 DWDM Channel 15, 50 G, 1565.50 nm, PM

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 featured with a low insertion loss, high channel isolation and excellent environmental stability and reliability. They can be used for DWDM module & system, Pon networks and HFC links.

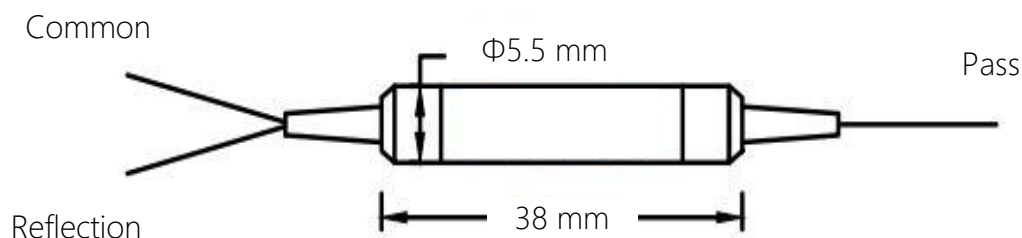
FEATURES

- 0.4 nm Channel Spacing
- High Return Loss
- High Isolation
- High Stability and Reliability
- Low Insertion Loss

USE IN

- DWDM Module
- DWDM System
- Pon Networks
- HFC links

MECHANICAL DIAGRAM



Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 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.

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Operating Wavelength Range	1524 nm to 1600 nm	
Channel Spacing	50 GHz	
Center Wavelength	1565.50 nm	
@-0.5 dB Bandwidth	±0.05 nm	
DCWL(@-0.5 dB)	±0.05 nm	
Insertion Loss*	Pass Channel	1.3 dB max.
	Reflect Channel	0.6 dB max.
Isolation	Pass Channel	30 dB min.
	Reflect Channel	12 dB min.
Extinction Ratio	18 dB min.	
Polarization Dependent Loss	0.15 dB max.	
Directivity	50 dB min.	
Return Loss	45 dB min.	
Insertion Loss Temperature Sensitivity	0.005 dB/°C max.	
Wavelength Temperature Shifting	0.003 nm/°C max.	
Power Handling	500 mW	
Fiber Type	PM Panda Fiber	
Operating Temperature	-0 °C to +75 °C	
Storage Temperature	-40 °C to +85 °C	
Tensile Load	5 N	
Dimension	5.5x5.5x38 mm	

* All insertion loss values include the loss of the connector

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