

PM DWDM Device

Features

- Low Insertion Loss
- High Return Loss
- High Isolation
- High Reliability & Stability

Applications

- DWDM Module
- DWDM System
- Pon Networks
- CATV Links

Specifications

Parameters	Unit	Values	
Channel Space	Ghz	100	200
Center Wavelength	nm	ITU Grid	
Center Wavelength Accuracy	nm	±0.05	0.01
Channel Pass band (@-0.5dB)	nm	0.22	0.5
Max. Insertion Loss of Transmission Channel	dB	1.0	0.9
Max. Insertion Loss of Reflection Channel	dB	0.4	0.4
Min. Transmission Isolation @Reflection Wavelength	dB	30	30
Min. Reflection Isolation @Transmission Wavelength	dB	10	10
Max. Channel Flatness	dB	0.3	
Min. Extinction Ratio at 23℃	dB	18	
Max. Wavelength Thermal Stability	nm/℃	0.003	
Max. Insertion Loss Thermal Stability	dB/℃	0.005	
Min. Return Loss	dB	50	
Max. Power Handling (CW)	mW	500	
Fiber Type	-	PM Panda fiber	
Operating Temperature	℃	0~+70	
Storage Temperature	℃	-40~+85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

PMDWDM-11-234-555-678-999

11-Center Wavelength:	26=26CH,27=27CH,....., 40=40CH, 41=41CH,.....
2-Port Type:	2=1x1, 3=1x2
3-Channel Space:	1=100G, 2=200G
4-Axis Alignment:	B=Both Axis Working
555-Fiber Type:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
6-Package Dimension:	0=φ5.5x35mm, S=Specified
7-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8-Fiber Length:	0=0.8m,1=1m
999-Connector for Com, Ref, Pass:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC, N=None