PM DWDM Device

Features

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

Applications

- DWDM module
- DWDM system
- Gpon network
- CATV system

Specifications

Parameters	Unit	Values	
Channel Space	Ghz	100	200
Center Wavelength	nm	ITU Grid	
Center Wavelength Accuracy	nm	±0.05	±0.1
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, and ER is 2dB lower.
The default connector key is aligned to slow axis.

Package Dimensions

Ordering Information

PMDWDM-11-234-555-67-8-999

11 - Wavelength:	26=26CH,27=27CH,....., 40=40CH, 41=41CH,.....
2 - Configuration:	2=1x1, 3=1x2
3 - Channel Space:	1=100G, 2=200G
4 - Working Axis:	B=Both axis working
555 - Fiber Type:	001=PM1550, 002=PM1310, 008=SMF-28E, SSS=Specify
6 - Package Dimension:	0=φ5.5x35mm, S=Specify
7 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
8 - Fiber Length:	0.75=0.75m, 1.0=1m, S=Specify
999 - Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify