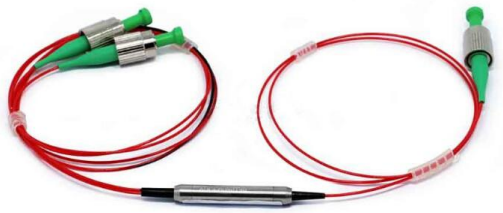
Polarization Maintaining DWDM Device

Features

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



Applications

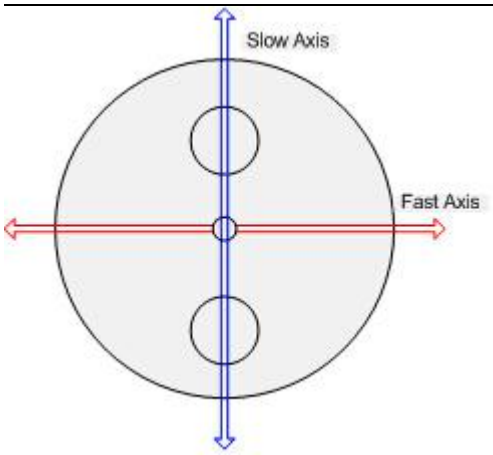
DWDM Module
DWDM System
Pon Networks
CATV Links

Specifications

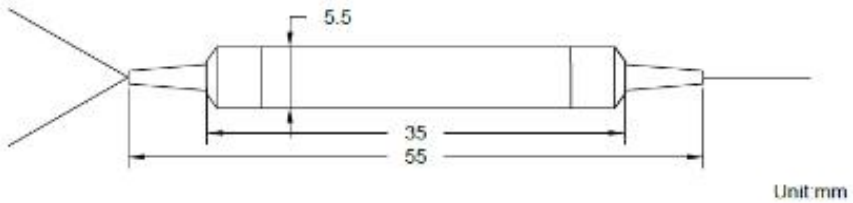
Parameters	Unit	Values	
Channel Space	Ghz	100	200
Center Wavelength	nm	ITU Grid	
Center Wavelength Accuracy	nm	±0.05	0.01
Channel Pass band (@-0.5dB)	nm	0.22	0.5
Max. Insertion Loss of Transmission Channel	dB	1.0	0.9
Max. Insertion Loss of Reflection Channel	dB	0.4	0.4
Min. Transmission Isolation @Reflection Wavelength	dB	30	30
Min. Reflection Isolation @Transmission Wavelength	dB	10	10
Max. Channel Flatness	dB	0.3	
Min. Extinction Ratio	dB	18	
Max. Wavelength thermal stability	nm/℃	0.003	
Max. Insertion loss thermal Stability	dB/℃	0.005	
Min. Return Loss	N	50	
Max. Power Handling (CW)	mW	300	
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;

Fast and slow axis



Package Dimensions



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Center wavelength	Port type	Channel space	Fiber type	Pigtail type	Fiber length	Connector type
26=26CH, 27=27CH, ..., 40=40CH, 41=41CH, ...	1=1x1, 2=1x2	1=100G, 2=200G	1=PM Panda fiber	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube	1m 2m etc.	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC