

Polarization Maintaining FWDM

Features

Low Insertion Loss
 High Return Loss
 High Reliability & Stability

Applications

CATV System
 CWDM/DWDM Module
 Pon Networks



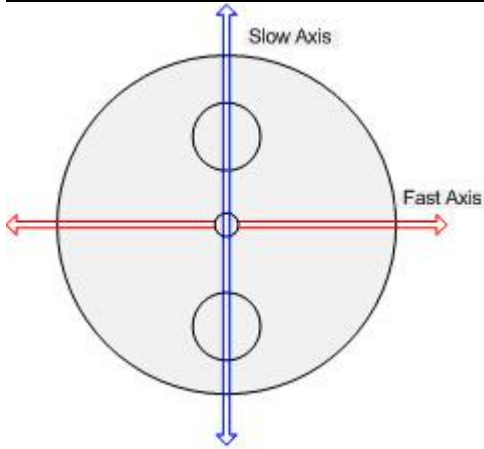
Specifications

Parameters	Unit	Values			
Type	nm	1064/980	1550/980	1550/1064	1550/1480
Transmission Wavelength	nm	1020~1080	1520~1580	1520~1580	1535~1565
Reflection Wavelength	nm	960~990	960~990	1020~1080	1480±10
Max.Insertion Loss of Transmission Channel	dB	0.8	0.7	0.8	0.8
Max.Insertion Loss of Reflection Channel	dB	0.6	0.5	0.6	0.6
Min.Transmission Isolation@Reflection Wavelength	dB	25	30	25	25
Min.Reflection Isolation@Transmission Wavelength	dB	12	15	12	12
Max.Channel Flatness	dB	0.4			
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	N	50			
Max.Power Handling (CW)	mW	300			
Fiber Type	-	PM Panda fiber			
Operating Temperature	℃	0~+70			
Storage Temperature	℃	-40~+85			

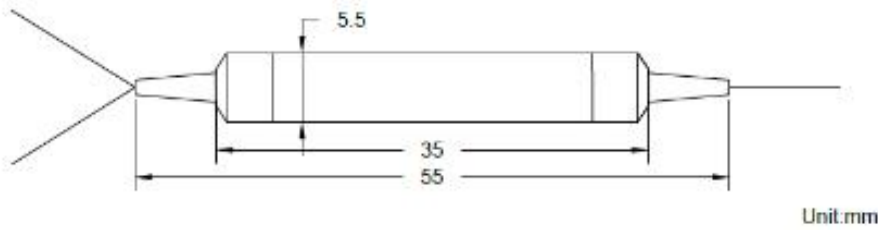
For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower;

The default connector key is aligned to slow axis;

Fast and slow axis



Package Dimensions



Ordering Information

Operating Wavelength	Port Number	Fiber type	Pigtail type	Fiber length	Connector type
5548=T1550nm/R1480nm, 5598=T1550nm/R980nm, 0608=T1064nm/R980nm,	1=1x1, 2=1x2	1=PM Panda fiber	0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0mm loose tube	0=0.8m,1=1m	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, 4=LC/UPC, 5=LC/APC