

Polarization Insensitive Filter WDM

Features

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

Applications

- CATV System
- CWDM/DWDM Module
- Pon Networks

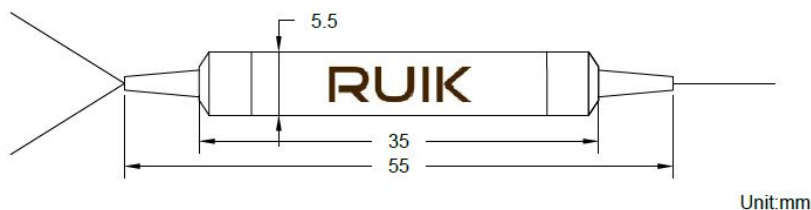
Specifications

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			
Max.Polarization Dependent Loss	dB	0.15			
Max.Wavelength thermal stability	nm/°C	0.003			
Max.Insertion loss thermal Stability	dB/°C	0.005			
Min.Return Loss	N	50			
Max.Power Handling (CW)	mW	300			
Fiber Type	-	SMF-28e,Hi1060			
Operating Temperature	°C	0~+70			
Storage Temperature	°C	-40~+85			

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

Package Dimensions



Ordering Information

FWDM-1111-234-555

- 1111 -Operating: 5548=T1550nm/R1480nm, 5598=T1550nm/R980nm, 0608=T1064nm/R980nm,.....
- 2 -Port Number: 1=1x1, 2=1x2
- 3 -Pigtail type: 0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube
- 4 -Fiber length: 0=0.8m,1=1m
- 555 -Connector type: 0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC