

Single-Mode 2μm Filter WDM

Features

- Low Insertion Loss
- Low Polarization Dependent Loss
- High Isolation
- High stability & Reliability

Applications

- EDFA
- Testing Instrumentations
- Fiber Laser
- WDM System

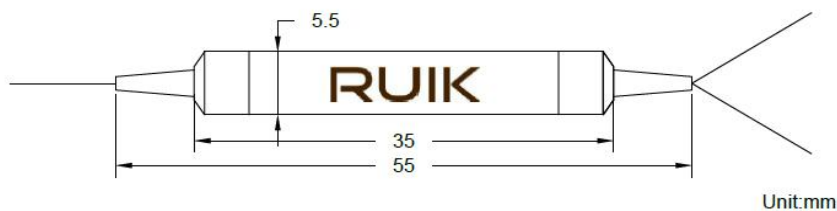
Specifications

Parameter

Parameter	Unit	Value
Passband Wavelength	nm	1950~2050
Min. Isolation at 23°C	dB	25(Typ.30)
Max. Insertion Loss at 23°C	dB	0.8 (Typ.0.6)
Max. Extinction Ratio at 23°C	dB	20
Reflectionband Wavelength	nm	1520~1580
Max. Insertion Loss at 23°C	dB	0.8
Min. Isolation at 23°C	dB	1.0
Max. Polarization Dependent Loss	dB	12(Typ.15)
Min. Return Loss	dB	0.2(Typ. 0.1)
Max. Optical Power(CW)	mW	50
Max. Thermal Stability	dB/°C	500
		0.005 over -5 °C to +70 °C
Fiber Type	-	SMF-28e fiber on SMF-28(all ports) or SM1950 fiber(all ports) Reflection port, SM1950 fiber on Common & Pass port
Operating Temperature	°C	-5~+70
Storage Temperature	°C	-40~+85

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

Package Dimensions



Ordering Information

FWDM-1111-23456-777

- 1111 -Wavelength: 2055=Pass2000nm/Reflection1550nm
- 2 -Type: 1x2
- 3 -Fiber on Com&Pass 0=SM15-PS-U25D,1=Nufern PM1950 ,3=SMF-28e,4=Nufern SM1950
- 4 -Fiber on Reflection 0=SM15-PS-U25D,1=Nufern PM1950 ,3=SMF-28e,4=Nufern SM1950
- 5 -Pigtail type: 0=250 bare fiber, 1=900um loose tube, 2=2.0mm loose tube, 3=3.0 loose tube
- 6 -Fiber length: 0=0.8m,1=1m
- 777 -Connector type: 0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC,N=No connector