

PM FWDM Device

(T1064/R980 T1550/R980 T1550/R1064 T1550/R1480)

Features

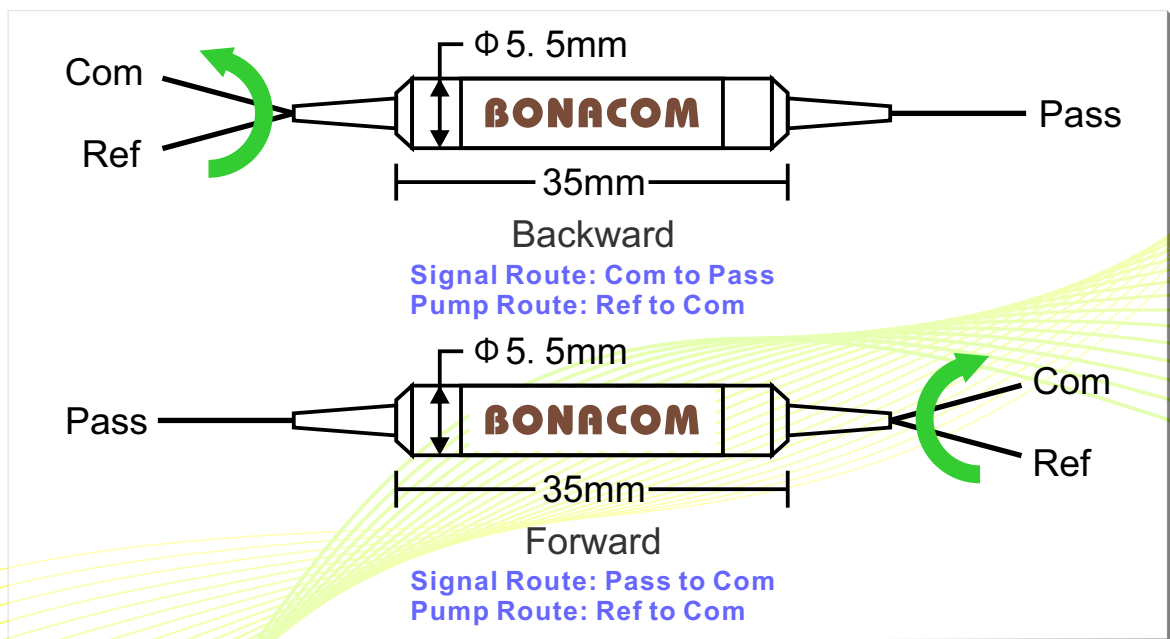
- Low Insertion Loss
- High Return Loss
- High Reliability & Stability

Applications

- CATV System
- CWDM/DWDM Module
- EPon/Gpon Networks



◆ Package Dimensions



◆ Specifications

Parameter	Unit	Value			
Type	nm	0698 or 0398	5598	5506 or 5503	5548
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	15	15	15	15
Max.Channel Flatness	dB	0.4			
Min.Extinction Ratio at 23°C	dB	18			
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			
Operating Temperature	°C	0~+70			
Storage Temperature	°C	-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.

◆ Ordering Information

PMFWDM-1111-23-444-555-678-999

1111	-Operating Wavelength:	5548=T1550nm/R1480nm, 0398=T1030nm/R980nm 0608=T1064nm/R980nm,.....
2	-Pump Type:	F=Forward, B=Backward
3	-Axis Alignment for Signal Route:	B=Both Axis Working, F=Slow Axis Working, Fast Axis Blocked
444	-Fiber Type for Com & Pass:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
555	-Fiber Type for Ref	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
6	-Package Dimension:	0=φ5.5x35mm, S=Specified
7	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8	-Fiber Length:	0=0.8m,1=1m
999	-Connector for Com,Ref, Pass:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC