

3 Port C band Red/Blue Filter WDM device

Features

- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Reliability

Applications

- WDM Network
- Line Monitoring
- Telecommunication
- Testing Instruments

Performance Specifications

Type		FWDM	
Pass Channel Wavelength	nm	1547~1561 (Red)	1530~1543.2 (Blue)
Reflection channel Wavelength	nm	1530~1543.2 (Blue)	1547~1561 (Red)
Pass Channel insertion loss	dB	≤0.60	
Reflection Channel insertion loss	dB	≤0.40	
Channel Ripple	dB	≤0.3	
Adjacent channel isolation	dB	≥30	
Express channel isolation	dB	≥12	
PDL	dB	≤0.1	
PMD	Ps/nm	≤0.1	
Directivity	dB	≥55	
Return loss	dB	≥50	
Power Handling	mW	300	
Operating temperature	℃	-5~+70	
Storage temperature	℃	-40~+85	
Package Dimensions	mm	φ 5.5x34	

Note: 1. Customization is available.

2. Insertion loss does not include connector, each connector will add 0.2dB loss.

3. Other wavelength can be made upon customer's request. For example, L-Band R/B, C/L Band.

Ordering Information

Wavelength	Package Spec	Fiber Type	Fiber Diameter	Fiber Length	Connector
R/B=Red/Blue Wavelength	1= Φ5.5mm×34mm 2= 90×20×10 mm 3=100×80×10.5 mm 4= 120×80×18 mm 5=140×115×18 mm 6=19"1U Rackmount X= Others	9=9/125 X=Others	25=250um 90=900um 20=2.0mm 30=3.0mm X=Others	05=0.5m 10=1.0m 15=1.5m X=Others	OO=None FP=FC/PC FA=FC/APC SP=SC/PC SA=SC/APC STP=ST/PC STA=ST/APC LP=LC/PC LA=LC/APC X=Others