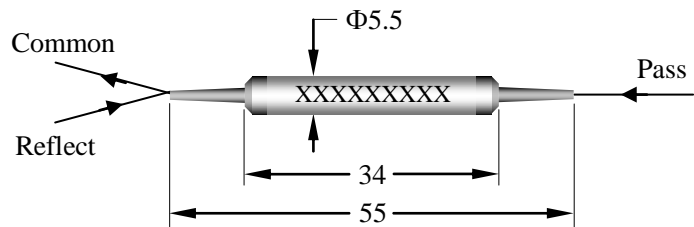


Filter Wavelength Division Multiplexer (1260~1620nm)

1. Features:

- Low insertion loss
- High isolation
- High Return Loss
- Excellent environmental stability and reliability



2. Applications:

- CWDM System
- PON Networks
- Communication System
- Test Instrumentations
- EDFA



3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

4. Specifications:

Parameters							
Operating wavelength (nm)	T13/R15	T15/R13	T13/R1415	T14R1315	T15R1314	T1415R13	T1314R15
Transmission Wavelength Range (nm)	1310+/-40	1550+/-40	1310+/-40	1490+/-10	1550+/-10	1490+/-10&1550+/-10	1310+/-40&1490+/-10
Reflection Wavelength Range (nm)	1550+/-40	1310+/-40	1490+/-10&1550+/-10	1310+/-40&1550+/-10	1310+/-40&1490+/-10	1310+/-40	1550+/-10
Transmission IL (dB)	0.8 (0.6 Typ.)						
Reflection IL (dB)	0.6 (0.4 Typ.)						
Transmission Isolation (dB)	30						
Reflection Isolation (dB)	15						
Ripple (dB)	0.3						
PDL (dB)	0.1						
PMD (ps)	0.1						
RL (dB)	45						
Directivity (dB)	50						
Maximum Optical Power (mw)	500						
Operating Temperature (°C)	-40~85						
Storage Temperature (°C)	-40~85						

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

FWDM		XX	X	XXX	XX	XX
Product Description	Port Type	Center Wavelength	Pigtail Type	Com&Ref&Pass Connector Type	Package Size	Fiber Length
FWDM	1X1	47=1470/1471	0=250um	0=None	34=5.5×34	05=0.5m
	1X2	61=1610/1611	1=900um	1=FC/UFC	35=5.5×35	08=0.8m
		F1=T13R15		2=FC/APC	38=5.5×38	10=1.0m
		F2=T15R13		3=SC/UPC		12=1.2m
		F3=T13R1415		4=SC/APC		
		F4=T14R1315		5=LC/UPC		
F5=T15R1314		6=LC/APC				

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