

1310/1550 WDM

3-Port Add/Drop Filter

DESCRIPTION

Browave's 1310/1550 WDM filter is designed by thin film based technology. It can perform high isolation in transmission path. The high isolation design can also perform low insertion loss and stable environmental performance.

FEATURES

- ↓ High channel isolation
- ↓ Low insertion loss
- ↓ Environmental stable and reliable
- ↓ Epoxy-free optical path
- ↓ Low profile packaging
- ↓ Telcordia (Bellcore) Compliant

APPLICATIONS

- ↓ FTTH systems
- ↓ Metro/Access communication networks

SPECIFICATIONS

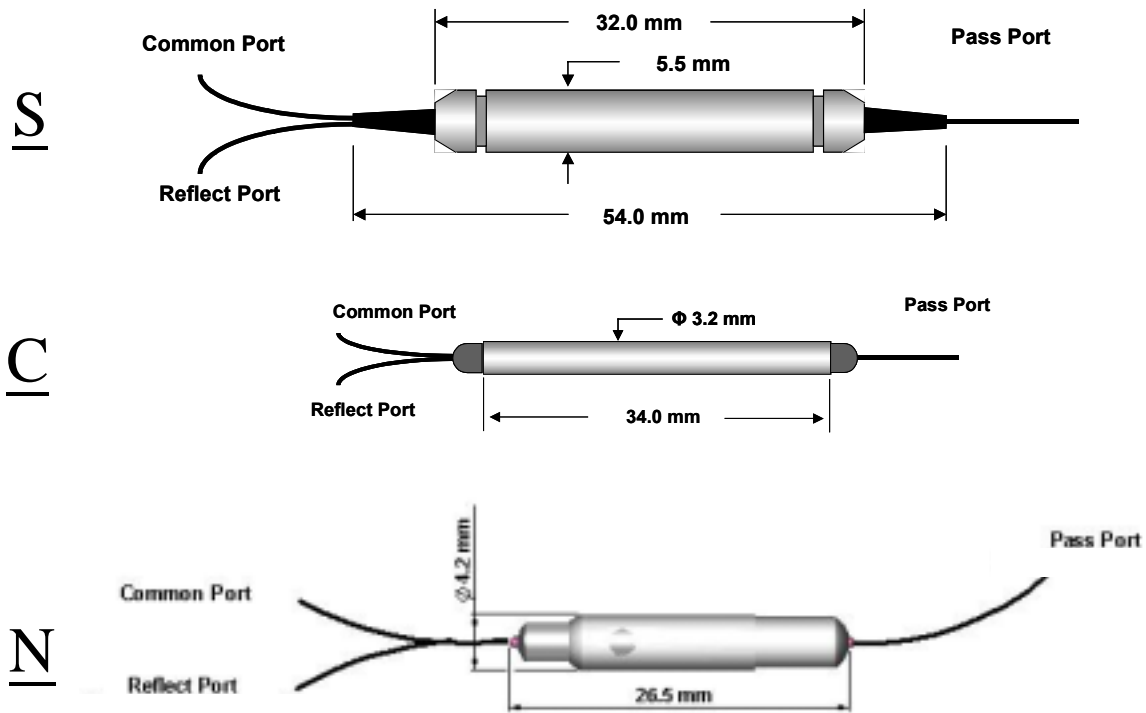
Parameter	Specification
Transmission Wavelength Range	1260~1360nm (1460~1620nm)
Reflection Wavelength Range	1460~1620nm (1260~1360nm)
Max Transmission Insertion Loss	0.70dB (0.45dB typ.)
Max Transmission Insertion Loss Variation	0.20dB
Min Transmission Isolation	45dB
Max Reflection Insertion Loss	0.70dB (0.45dB typ.)
Max Reflection Insertion Loss Variation	0.20dB
Min Reflection Isolation	15dB
Max Insertion Loss Temperature Sensitivity	S, N: 0.25dB
Min Directivity	55dB
Min Return Loss	50dB
Max Polarization Dependent Loss	0.15dB
Max Polarization Mode Dispersion	0.10ps
Max Power Handling	500mW
Max Tensile Load	5N
Operating Temperature	-5 to +70
Storage Temperature	-40 to +85
Package Dimension (DxL)	S : () 5.5mm*(L)32mm C : () 3.2mm*(L)34mm N : () 4.2mm*(L)26.5mm



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PHYSICAL DIMENSION



ORDERING INFORMATION

E W F B - H W [] [] - [] [] [] []

Transmission Wavelength
13 = 1310
15 = 1550

Connector
0 = None

Fiber Length
1 = 1 meter
2 = 1.5 meters

Package
S = Standard
C = Compact
N = Non-steel-tube

Fiber Type
1 = 250um bare fiber
2 = 900um loose tube
3 = 900um tight buffer



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