

Filter WDMs (660 - H Series), 1490/1550 WDM

AFOP offers the 660 -H Series of filter WDM products which utilize high performance thin film interference filters to provide exceptional bandpass performance. The filter WDM is a bi-directional component optimized for a variety of applications including erbium doped fiber amplifiers. AFOP products offer minimal insertion loss and high isolation. They also offer stable and reliable performance over a broad temperature range. Filter WDM components are designed to comply with Telcordia GR-1209-CORE and GR-1221-CORE.

APPLICATIONS

- CATV Systems
- Broadband Systems
- Optical Add/Drop Multiplexing
- Telco Networks
- Metro Networks

FEATURES

- High Isolation
- Low Insertion Loss
- Bi-Directional
- Completely Passive
- Epoxy-Free Optical Path
- Telcordia GR-1221 Compliant



SPECIFICATIONS - FILTER WDMs (660 - H Series)

Parameters	660-H Series
Wavelength Range	1450 - 1490 nm or 1535 - 1580 nm
Insertion Loss	Pass Channel < 1.0 dB
	Reflect Channel < 0.6 dB
Isolation	Pass Channel > 30 dB
	Reflect Channel > 12 dB
Return Loss	> 45 dB
Directivity	> 50 dB
PDL	< 0.1 dB
PMD	< 0.1 ps
Maximum Optical Power	250 mW
Operating Temperature	- 5°C to + 65°C
Storage Temperature	- 40°C to + 85°C
Tensile Load (900 μm Buffered)	5N Maximum

PACKAGE DIMENSIONS:

< 52.5 mm x 4.6 Φmm (Including Boots) ■ Fiber Type: SMF 28e Compatible ■ Pigtail Length: 1 Meter (Standard)

ORDERING INFORMATION:

660	-	H	2	-	N	-	N	-	1	-	C	-	NNN
		↓			↓		↓				↓		↓
		Wavelength Range			Mode		Pigtail Type:				Connector*		000: Standard
		1480/1550 nm			1: Short Pass/ Long Reflect 2: Long Pass/ Short Reflect		0: 250 μm Tube 1: 900 μm Tube 2: 250 μm Box 3: 900 μm Box				A: None L: LC/PC P: FC/PC Q: FC/APC S: SC/PC T: SC/APC U: MU/PC		Running number used for special types or custom made

Note:

* Specifications do not include connector loss.