

Filter WDMs (660 - E Series), 1310/1550 High Isolation

AFOP offers the 660 - E 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 on both 1310 and 1550 port. 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
- Telcordia GR-1221 Compliant

SPECIFICATIONS - FILTER WDMs (660 - E Series)

Parameters	660-E Series
Wavelength Range	1260 - 1360 nm or 1500 - 1600 nm
Insertion Loss	Pass Channel < 1.0 dB
	Reflect Channel < 1.0 dB
Isolation	Pass Channel > 40 dB
	Reflect Channel > 40 dB
Return Loss	> 45 dB
Directivity	> 50 dB
PDL	< 0.1 dB
PMD	< 0.1 ps
Maximum Optical Power	300 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	-	E	2	N	-	N	-	3	C	NNN
		↓		↓		↓			↓	↓
		Wavelength Range		Mode		Pigtail Type:			Connector*	000: Standard
		1310/1550 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.