

3Wave FTTP 1310/1490/1550 FWDMs High Isolation (3-Port)

Brotechs introduces the Triwave FWDM family of products. Designed for the fiber-to-the-home market, the Triwave utilizes a video signal ready analog PD, with an integrated bi-directional filter WDM for high performance applications. Brotechs filter WDM components are designed to comply with Telcordia GR-1209-CORE and GR-1221-CORE for stable and reliable performance over a broad temperature range.

Applications

- **Fiber-To-The-home, Premises**
- **ONU, OLT Equipment Units**
- **CATV Systems**
- **Broadband Systems**
- **Optical Add/Drop Multiplexing**

Features

- **Outdoor Environment**
- **High Isolation**
- **Bi-Directional**
- **Low Insertion Loss**
- **Epoxy-Free Optical Path**
- **Telcordia GR-1221 Compliant**

Specifications

Parameters	FTTP Series
1550 Pass Wavelength Range	1540 – 1560nm
1310 & 1490 Wavelength Range	1260 – 1360 & 1480 – 1500nm
Insertion Loss	Pass Channel < 0.8dB
	Reflect Channel < 0.8dB
Isolation	Pass Channel > 40dB
	Reflect Channel > 40dB
Return Loss	> 45dB
Directivity	> 50dB
PDL	< 0.2dB
PMD	< 0.2Ps
Operating Temperature	-5°C to + 65°C
Storage Temperature	-40°C to + 85°C

Notes: Specifications without fiber connectors





Dimensions

< 52.5mm x 4.6Φmm (Including Boots)

Fiber Type: SMF 28e Compatible

Pigtail Length: 1Meter(Standard)



Ordering Information

	Wavelength Range	Mode	Pigtail Type	Connector	Wavelength Remark
5220	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	1310/1490/1550 nm	Long Pass/ Short Reflect	0: 250μm Tube 2: 900μm Tube	0: W/O conn 1: LC/PC 2: SC/PC 3: ST/PC 4: E2000/PC 7: FC/PC 9: MU A: LC/APC B: SC/APC C: E2000/APC D: FC/APC	ST: Standard CM: Custom made

