

6 Ports High Isolation FWDM

Features

- Automatic Optical alignment
- Optical path epoxy free
- Low insert loss & high isolation
- Telcordia-GR-1221-Core qualified
- RoHS compliant



Applications

- PON system
- Module integration
- WDM system
- FTTH/FTTP



Specification

Parameter		Unit	Specification
			1310/1490&1550H
Operating Wavelength	Transmission	nm	1460-1650
	Reflection	nm	1260-1400
Port of Transmission (Port1=>Port2)	Insertion Loss	dB	≤1.5(Typical 1.0)
	Isolation	dB	≥45
Port of Reflection (Port1=>Port3)	Insertion Loss	dB	≤1.5(Typical 1.0)
	Isolation	dB	≥45
Return Loss		dB	≥45
Insertion Loss Temperature Stability		dB/°C	≤0.005
Polarization Dependent Loss		dB	≤0.20
Polarization Mode Dispersion		Ps	≤0.10
Directivity		dB	≥45
Power Handling		mW	300
Operating Temperature		°C	-20 ~ +70
Storage Temperature		°C	-40 ~ +85
Fiber Type		--	Corning SMF-28 Ultra, G657A1/A2 or customer specified
Pigtail type		--	Ø250µm Bare Fiber or Ø0.9mm loose tube

Fiber length	m	1.0 ,or customer specified
Package Dimension	mm	Steel Tube: Ø5.5x34 for 250µm bare fiber, Ø5.5x38 for Ø0.9mm loose tube; Glass Tube: Ø4.0x26 for Ø250µm bare fiber;

Note:

- Insertion loss excluding connector loss. With connectors add 0.3dB;
- Connectors can be customized on request.