

Optical fiber Isolator



Applications

- EDFA
- Communication systems;
- Testing instruments

Features

- High stable and reliable
- Optical path epoxy-free
- Low polarization sensitivity

Specifications

Parameters	Single Grade		Dual Grade		Wide Band	
	P	A	P	A	P	A
Operating wavelength (nm)	1310 ± 15, 1480 ± 15, 1550 ± 15, 1625 ± 15				1310 ± 40, 1525~1640	
Peak isolation (dB)	42	40	55	50	42	40
Minimum isolation (dB) (room temperature)	32	30	45	40	35	30
Insertion loss (dB)	≤0.4	≤0.6	≤0.6	≤0.8	≤0.4	≤0.6
PDL (dB)	≤0.05	≤0.1	≤0.1	≤0.15	≤0.05	≤0.1
PMD (ps)	≤0.2	≤0.25	≤0.05	≤0.07	≤0.2	≤0.25
Return loss (dB)	65/60	60/55	65/60	60/55	65/60	60/55
Power handling (mW)	≤500					
Operating temperature (°C)	0 ~ +70					
Storage temperature (°C)	-40 ~ +80					
Dimensions (mm)	φ 5.5×L30 , φ 3.0×L25					

*The above specification is without connector.

Ordering Information

ISO	Type	Grade	Wavelength	Pigtail Type	Input/ Output
	S= Single Grade D= Dual Grade W=Wide Band	P= P Grade A=A Grade	1310= 1310 1550=1551 or other	0=250um 1=900um	FC/UPC FC/APC etc