

Pigtail Isolator



Key Features

- High Isolation
- Compact Size
- Epoxy Free Optical Path

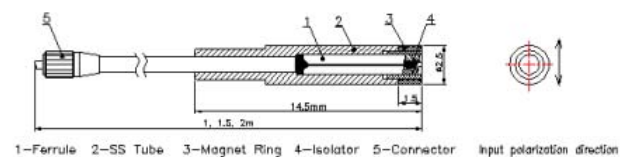
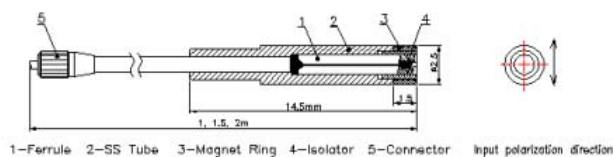
Applications

- Light Source for Optical Amplifiers
- Tunable laser Module
- Semiconductro Laser module






Performance Specifications

Parameter	Specifications	
	Single Stage	Dual Stage
Operating Wavelength	1310nm, 1550nm or custom wavelength	
Isolation(@23°C)	≥ 30dB	≥ 50dB
Insertion Loss(@23°C) (Without Connector)	≤ 0.30dB	≤ 0.40dB
Outer Diameter	Ø2.5mm	
Capillary End Angle	6 - 8°C	
Operating Temperature	-5 to +70°C	
Storage Temperature	-40 to +85°C	
Fiber Type	Ø0.9mm SMF-28	
Connector Type	FC; SC; ST; LC	

Mechanical Dimensions



Ordering Information

				
Isolator Type	Housing Length	Wavelength	Fiber Length	Connector
PFSI = Single Stage PFUI = Single Stage	1 = 14.5mm 2 = Customized	13 = 1310nm 15 = 1550nm X = Customized	1 = 1.0m 2 = 1.5m 3 = 2.0m X = Customized	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC