

Passive Optical Fiber Device

WS-2W/3W/5W/10W Optical Isolator



Performance characteristics

- ◆ Low Insertion Loss & PDL
- ◆ High Isolation & Return Loss
- ◆ High reliability

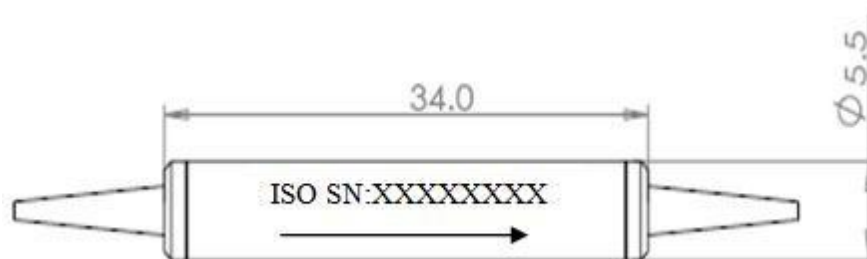
Applications

- ◆ EDFA
- ◆ Fiber Laser

Performance Specification

Parameter		Value	
Type		Single Stage	Dual Stage
Center wavelength (nm)		1310、1550	
Bandwidth (nm)		±20	
Peak Isolation (dB)		40	58
Isolation at 23(°C) (dB)		≥30	≥48
Insertion Loss at 23(°C) (dB)		≤0.5(Typ 0.35)	≤0.55 (Typ 0.4)
PDL(dB)	Polarization insensitive	≤0.10	≤0.10
Return Loss (Input/output) (dB)		≥50/50	≥50/50
Fiber Type		SMF-28e or Specify	
Power Handling (CW, W)		2, 3, 5,10	
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature(°C)		-40 ~ +85	
Package Dimensions (mm)		5.5x34(P1), 58*10*8 (P2)	

Structure



Φ5.5XL34

■ Ordering Information

WSISO	Port Configuration	Type	Grade	Encapsulation	Wavelength	Fiber type	Fiber length	Fiber type	Input	Output	Power
WS=WSEE ISO=Isolator	01=1*1 02=2*2	S=Single stage D=Dual stage	P=P grade A=A grade	G=glass sealing M=Metal Tube sealing	31=1310 nm 55=1550 nm	B=250um bare fiber L=900um loose tube T=900um tight buffer	10=1.0 m 12=1.2 m 15=1.5 m XX=Cus tomized	A0=SM F-28e A1=G6 57-A1 A2=G6 57-A2 XX=Cus tomized	0=None 1=FC/UP C 2=FC/AP C 3=SC/UP C 4=SC/AP C 5=LC/UP C 6=LC/AP C XX=Cus tomized	0=None 1=FC/UP C 2=FC/AP C 3=SC/UP C 4=SC/AP C 5=LC/UP C 6=LC/AP C XX=Cus tomized	2=2W 3=3W 4=4W 5=5W A=10W S=Specif y

*Other specifications can be made on customer request.

For example:WSISO-01-S-P-G-55-L-10-A0-4-4-5

The product is WSEE brand 1*1 Optical Isolator.Single stage.P grade.Encapsulation type is glass sealing.Operating Wavelength is 1550nm.Fiber Type is 900um loose tube.Fiber Length is 1m.Adopt SMF-28E fiber.Input connector is SC/APC.Output connector is SC/APC.Power Handling is 5w.

 SHANDONG WANSHUO OPTOELECTRONIC EQUIPMENT CO.,LTD

Add: 7th Floor, Block C, Torch Venture Plaza, No. 111 Liuquan Road, Gaoxin District, Zibo City, Shandong Province, China
 Tel: 0533-35999570533-3599953
 E-mail: admin@wanshuo.net

Post Code: 255086
 Fax: 0533-3599955
 Web: www.wseelaser.com