

Passive Fiber Device

WS-0.5W/1W Optical Isolator



Performance characteristics

- ◆ Low Insertion Loss High Isolation
- ◆ Low PDL
- ◆ High stability and reliability

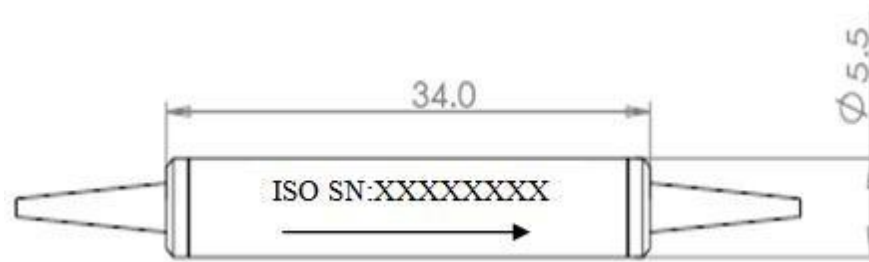
Applications

- ◆ Fiber Amplifiers
- ◆ Fiberoptic Lan Systems
- ◆ Transmitters & Fiber Laser

Performance Specification

Parameter	Value
Center wavelength (nm)	980/1550
Operating bandwidth (nm)	980±10 / 1550±20
Configuration	1x2
IL(dB)	≤0.25
PDL(dB)	≤0.10
Isolation(dB)	≥18
Directivity(dB)	≥55
Fiber type	YOFC CS980/125-16/250, 250um bare fiber
Package size (Φ×L) mm	3.0x35
Fiber lead length	1m
Operating Temperature	-40~85℃
Storage Temperature	-40~85℃
Power handling	≤500mW
Port mark	See structure below

■ Structure



Φ5.5XL34

■ Ordering information

ISO	-	XX	XX	X	XX	-	X	X
		Type	Wavelength	Fiber Type	Output fiber length		Input	Output
		S=Single stage	13=1310	B=Bare fiber	10=1.0m		0=None	0=None
		S=Dual stage	15=1550	L=900um Loose Tube	15=1.5m		1=FC/UPC	1=FC/UPC
					XX=Customized		2=FC/APC	2=FC/APC
							3=SC/UPC	3=SC/UPC
							4=SC/APC	4=SC/APC
							5=LC/UPC	5=LC/UPC
							6=LC/APC	6=LC/APC

*Other specifications can be made on customer request.

For example: WSISO-S-15-L-10-4-4

The product is WSEE brand Optical Isolator. Single stage. Operating Wavelength is 1550nm. Fiber Type is 900um loose tube. Output Fiber Length is 1m. Input connector type is SC/APC. Output connector type is SC/APC. Power Handling is 5w.