

1480/1550 WDM and Tap Hybrid Isolator

Our 1480/1550 WDM and Tap Hybrid Isolator is a combination of a tap coupler, 1480/1550 WDM and a polarization independent isolator in a compact package. It achieves pump light and signal light combining and a stable tap-coupling ratio. It is marked with an ultra compact package and excellent quality stability. It meets Telcordia GR-1221-CORE requirements.

Features of our product:

- High stable and Reliable
- Low insertion loss
- Low PDL and PMD
- Optical path epoxy-free

Applications for our product:

- EDFA
- Raman Amplifiers
- WDM systems
- Transmitters and fiber lasers

Specifications:

Parameter		Unit	Single stage	Dual stage
Signal Wavelength		nm	1528~1565	
Pump wavelength		nm	1450~1495	
Transmitting direction port			Signal: 1>2, Pump 3>2, Tap: 1>4	
Insertion loss	Signal 1>2	dB	0.9	1.1
	Pump 3>2		0.6	0.6
Tap			3%	
Return loss		dB	>=45	
Isolation	Reflect 3>2	dB	>=15	
	Transmit 2>1		>=30	>=45

PMD		<0.2 (0.05)	<0.05
Polarization Dependent Loss	dB	<=0.1	
Directivity (1>3 and 4>2)	dB	>=55	
Fiber type		SMF-28 (250um)	
Fiber length	m	1.5	
Operating temperature	°C	-10 ~ +65	
Storage temperature	°C	-40 ~ +85	
Dimension	mm	Diam. 5.5x34	

Ordering Information:

- Tap type: 1%, 2%, 3%, customer request
- WDM type: 980/1550nm, 1480/1550nm
- ISO type: Single stage, Dual stage, Low PMD
- Operation wavelength: 1550nm
- Fiber diameter: 250um, 900um
- Fiber length: 1m, customer request
- Input/output: no connector, FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, MU/PC, customer request

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com