0105 Hybrid Device

H2100-P

1550 nm PM Tap Isolator

The H2100-P is a 1550 nm PM tap isolator. The device is characterized with low insertion loss, high return loss, high extinction ratio and high isolation. It has been widely used in compact fiber amplifiers, compact fiber optical system, fiber laser and fiber sensor.

FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation

USE IN

- Compact Fiber Amplifiers
- Compact Fiber Optical System
- Fiber Laser
- Fiber Sensor

Stage	Single	Dual
Operating Wavelength Range	1530 nm to 1570 nm	
Excess Loss	1.0 dB max.	1.2 dB max.
Signal Tap Ratio	1±0.2%, 5±1%, 50±2%	1±0.2%, 5±1%, 50±2%
Peak Isolation	40 dB typ.	52 dB typ.
Isolation@23°C	28 dB min.	45 dB min.
Extinction Ratio@23°C	20 dB min.	
Return Loss	50 dB min.	
Optical Power (CW)	500 mW max.	
Tensile Load	5 N max.	
Operating Temperature	0°C to +70°C	
Storage Temperature	-40°C to +85°C	