

0105 Hybrid Device

H2100-P



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.

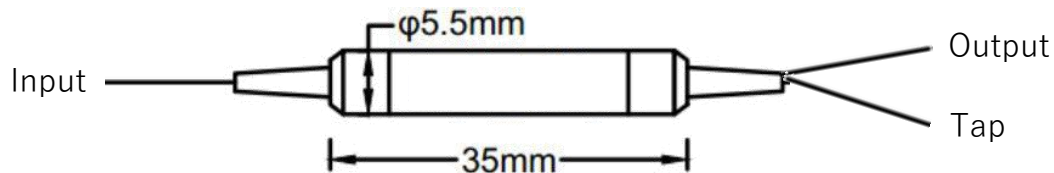
FEATURES

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

USE IN

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

MECHANICAL DRAWING



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	28 dB min.	45 dB min.
Extinction Ratio	20 dB min.	
Return Loss	50 dB min.	
Power Handling	500 mW max.	
Tensile Load	5 N max.	
Operating Temperature	0°C to +70°C	
Storage Temperature	-40°C to +85°C	

* For device with connectors, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.