

0105 Hybrid Device

H3000-P



PM Isolator & WDM Hybrid (T1064R980)

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.

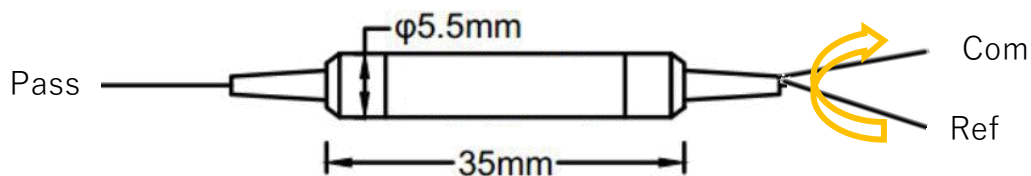
FEATURES

- 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



Signal Route: Pass to Com Pump Route: Ref to Com

Stage		Single	Dual
Signal Channel	Signal Wavelength Range	1064±10 nm	
	Insertion Loss	2.6 dB max.	3.8 dB max.
	Peak Signal Reversed Isolation	40 dB typ.	52 dB typ.
	Signal Reversed Isolation	28 dB min.	45 dB min.
	Isolation (Com to Pass @ Ref Band Wavelength)	30 dB min.	
	Extinction Ratio	20 dB min.	
	Reflection Channel	Wavelength Range	960 nm to 990 nm
Insertion Loss		0.6 dB max.	
Isolation (Com to Ref @ Pass Band Wavelength)		15 dB min.	
	Extinction Ratio	18 dB min.	
	Return Loss	50 dB min.	
	Insertion Loss Thermal Stability	0.005 dB/°C max.	
	Power Handling	300 mW max.	
	Tensile Load	5 N max.	
	Operating Temperature	-5°C to +70°C	

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.