

0105 Hybrid Device

H3000-P



PM Isolator & WDM Hybrid (T1064R980)

The H3000-P is a PM isolator & WDM hybrid. The device is characterized with low insertion loss, high return loss, high extinction ratio. It has been widely used in fiber amplifiers, fiber laser and testing equipment.

FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation
- High Reliability and Stability

USE IN

- Fiber Amplifiers
- Fiber Laser
- Testing Equipment

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 @ 23°C	40 dB typ.	52 dB typ.
	Signal Reversed Isolation @ 23°C	28 dB min.	45 dB min.
	Isolation (Com to Pass @ Ref Band Wavelength)	30 dB min.	
	Extinction Ratio@23°C	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@23°C	18 dB min.	
Return Loss		50 dB min.	
Insertion Loss Thermal Stability		0.005 dB/°C max.	
Optical Power (CW)		300 mW max.	
Tensile Load		5 N max.	