

# 0105 Hybrid Device

H3100-P



## PM Isolator & WDM Hybrid (T1550R980)

The H3100-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.

Stage	Single	Dual
Signal Channel	Signal Wavelength Range	
	1535 nm to 1565 nm	
	Insertion Loss	
	0.9 dB max.	1.0 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 or 1460 nm to 1490 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.	