

## H4100-P



### PM Tap & Isolator & WDM Hybrid, 1550/980

The H4100-P is a PM tap & isolator & WDM hybrid, 1550/980. The device is characterized with low insertion loss, high return loss, high extinction ratio and high isolation. It has been widely used in EDFA, pump laser, optics cutting and research.

Passive  
Devices

Passive  
Devices

Stage	Single	Dual
Signal Wavelength Range	1528 nm to 1565 nm (C-band), 1570 nm to 1605 nm (L-band)	
Excess Loss, $\lambda_c$ , @23°C (Input to Output)	1.3 dB max.	1.4 dB max.
Signal Isolation, $\lambda_c$ , @23°C (Output to Input)	31 dB min.	45 dB min.
Isolation for Channels	Signal Channel	30 dB
	Pump Channel	12 dB
Tap Ratio	1% to 50%	
Pump Wavelength Range	980±10 nm	
Insertion Loss (Pump Channel)	0.6 dB max.	
Extinction Ratio@23°C, Only for PM Channel	20 dB min.	
Return Loss	50 dB min.	
Optical Power (CW)	300 mW max.	
Tensile Load	5 N max.	
Operating Temperature	-5°C to +50°C	
Storage Temperature	-40°C to +85°C	