

0105 Hybrid Device

H4100-P



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.

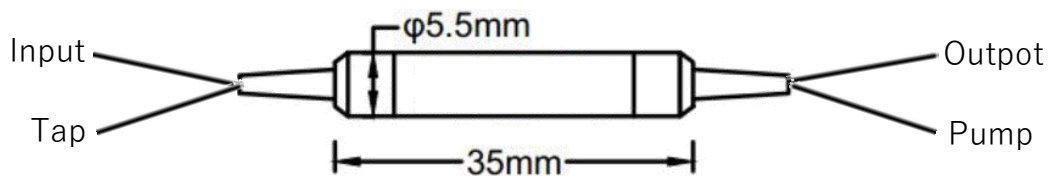
FEATURES

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

USE IN

- EDFA
- Pump Laser
- Optics Cutting
- Research

MECHANICAL DRAWING



Stage	Single	Dual
Signal Wavelength Range	1528 nm to 1565 nm (C-band), 1570 nm to 1605 nm (L-band)	
Excess Loss, λ_c , @23°C (Input to Output)	1.3 dB max.	1.4 dB max.
Signal Isolation, λ_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, only for PM Channel	20 dB min.	
Return Loss	50 dB min.	
Power Handling	300 mW max.	
Tensile Load	5 N max.	
Operating Temperature	-5°C to +50°C	
Storage Temperature	-40°C to +85°C	

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

1) Connector FC/APC, 900 μ m, 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.