

# 0105 Hybrid Device

H2200-S



## 1550 nm Tap Coupler+Isolator

This product has a low insertion loss, a very stable tap-coupling ratio, high isolation, and high return loss. This product offers an integrated solution for EDFA application by combining more functions into a very compact package.

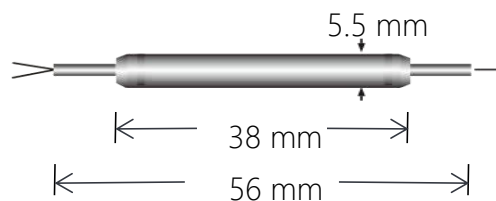
### FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Epoxy Free on Optical Path
- High Channel Isolation
- Ultra Low PDL & PMD
- High Stability and Reliability

### USE IN

- Fiber Optic Amplifiers
- WDM Systems
- Fiber Optic Instruments
- Transmitters and Fiber Lasers
- Laboratory R&D

### MECHANICAL DRAWING



Stage	Single Stage	Dual Stage
Signal Operation Wavelength Range	1530 nm to 1565 nm	
Isolation (All SOP)	31 dB min.	45 dB min.
	Pump Channel	0.6 dB max.
	Signal Channel	0.8 dB max.
Insertion Loss	Tap Ratio 1%	19.2 dB to 21.0 dB
	Tap Ratio 2%	16.2 dB to 18.0 dB
	Tap Ratio 5%	12.2 dB to 14.0 dB
Return Loss	55 dB min.	
Directivity	55 dB min.	
PDL	0.1 dB max.	
Power Handling	300 mW	
Operating Temperature	-5°C to +75°C	
Fiber Type	SM Fiber	

**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.**