

# 0910 Coupler (HP)



HC1010-P

## 2x2 780 nm High Power PM Filter Coupler, 5 W

The coupler has low insertion loss, high return loss and high extinction ratio. It can be used for EDFA & raman amplifier, fiber sensor and fiber laser.

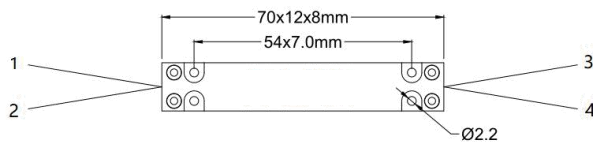
### FEATURES

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

### USE IN

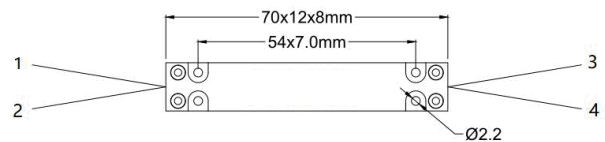
- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Laser

### MECHANICAL DRAWING



Both Axis Working

Routing path is 1 to 2(tap), 3 or 4 to 3(tap), 2



Slow Axis Working, Fast Axis Blocked

Routing path is 1 to 3, 4(tap) & 3 to 1, 2(tap)

Type	2x2	
Center Wavelength	780 nm	
Operating Bandwidth Range	±10 nm	
Excess Loss	1.2 dB max.	
Uniformity (only for 50/50)	0.8 dB	
Extinction Ratio	Both Axis Working	20 dB min.
	Fast Axis Blocked	22 dB min.
Return Loss	50 dB min.	
Power Handling	5 W max. or Specified	
Tensile Load	5 N max.	
Dimension	70x12x8 mm	
Operating Temperature	-5°C to +70°C	
Storage Temperature	-40°C to +85°C	
Coupling Ratio	01/99 to 50/50	

\* With connectors, the handling power is 1 W only, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

**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.**