

0910 Coupler (HP)

HC1200-P



1x2 1550 nm High Power PM Filter Coupler, 10 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.

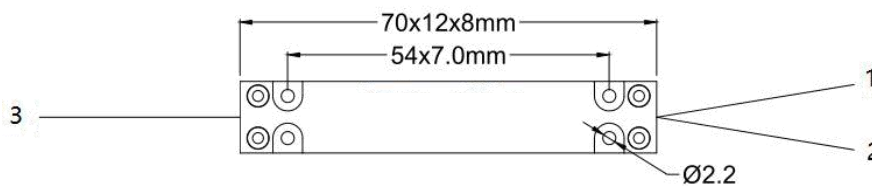
FEATURES

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

USE IN

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Laser

MECHANICAL DRAWING



Center Wavelength	1550 nm
Operating Wavelength Range	±10 nm
Insertion Loss (Port 3 to Port 1)	0.7 dB max.
Insertion Loss (Port 3 to Port 2)	18.8 dB to 21.5 dB max.
Coupling Ratio (Port 3 to Port 1, Port 2)	99%/1%
Extinction Ratio (Port 3 to Port 1)	22 dB min.
Excess Loss	0.7 dB max.
Return Loss	50 dB min.
Directivity	50 dB min.
Axis Alignment	Slow Axis Working, Fast Axis Blocked
Fiber Type	Port 1&3: Nufern PM-GDF-12/130-M Fiber, 250 μm Bare Fiber Port 2: SMF-28e Fiber, 250 μm Bare Fiber
Power Handling	10 W max.
Tensile Load	5 N max.
Operating Temperature	-5°C to +70°C
Storage Temperature	-40°C to +85°C

* Power Handling will be only 1 W with connector added. Port 3 is black marked.

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 μm, 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.