

0810 Coupler (HP)

HC1110-P



2x2 850 nm High Power PM Filter Coupler, 5 W

The HC1110-P has low insertion loss, high return loss and high extinction ratio. It can be used for EDFA & raman amplifier, fiber sensor and fiber laser.

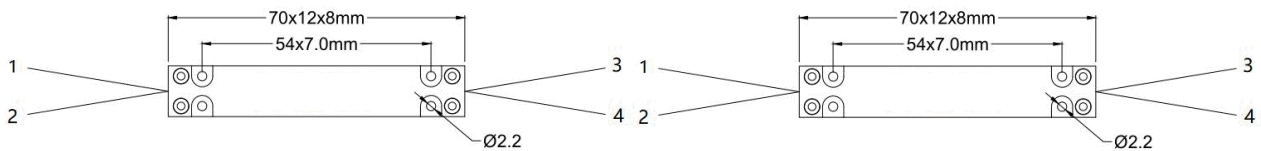
FEATURES

- 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 | 850 nm | |
| Operating Bandwidth Range | ±10 nm | |
| Excess Loss | 1.2 dB max. | |
| Extinction Ratio | Both Axis Working | 20 dB min. |
| | Fast Axis Blocked | 22 dB min. |
| Return Loss | 50 dB min. | |
| Optical Power | 5 W max. or Specified | |
| Tensile Load | 5 N max. | |
| Package Dimensions | Input Power ≤5 W | 5.5x5.5x35 mm |
| | Input Power ≤20 W | 70x12x8 mm |
| Operating Temperature | -5°C to +70°C | |
| Storage Temperature | -40°C to +85°C | |
| Coupling Ratio | 01/99 to 50/50 | |