

## 0910 Coupler (HP)

HC3100-P



### 1x2 2000 nm High Power PM Fused Coupler, 5 W

The coupler has low insertion loss, high power handling and high stability & reliability. It can be used for coherent communication, fiber sensor and fiber laser.

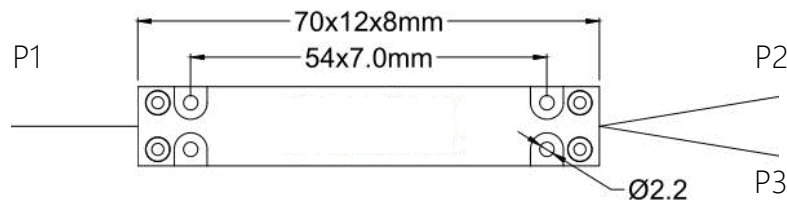
#### FEATURES

- High Power Handling
- Low Insertion Loss
- High Stability & Reliability

#### USE IN

- Coherent Communication
- Fiber Laser
- Fiber Sensor

#### MECHANICAL DRAWING



#### ORDERING OPTIONS

-XX: wavelength 1950 nm, 2050 nm

Center Wavelength	2000 nm
Operating Bandwidth	±15 nm
Excess Loss	0.8 dB max.
Extinction Ratio	16 dB min.
Directivity	50 dB min.
Return Loss	55 dB min.
Power Handling	5 W max. or Specified
Dimension	70x12x8 mm
Operating Temperature	-5°C to +75°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.**