

# 1103 PM Fused Coupler

C4601-P



## 1x2 1550 nm PM Fused Coupler, 50/50

The coupler has 532 nm to 2100 nm wavelength, can offers very low insertion loss and high extinction ratio. It can be used for fiber sensor, power monitor and coherent communication.

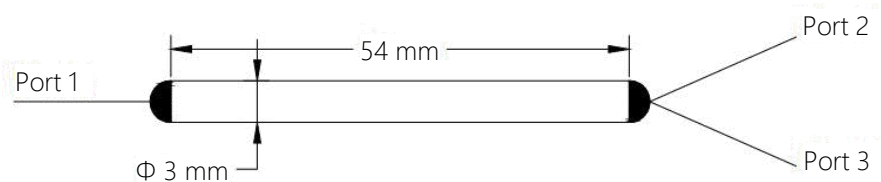
### FEATURES

- Wavelength 532 nm to 2100 nm Available
- Low Insertion Loss
- High Stability & Reliability

### USE IN

- Coherent Communication
- Power Monitor
- Fiber Sensor

### MECHANICAL DRAWING



Center Wavelength	1550 nm
Operating Bandwidth	±15 nm
Excess Loss	0.5 dB max.
Extinction Ratio	20 dB min.
Directivity	50 dB min.
Return Loss	50 dB min.
Power Handling	3 W max.
Fiber Type	PM Panda Fiber
Dimension	3x3x54 mm
Operating Temperature	-5°C to +75°C
Storage Temperature	-40°C to +85°C
Splitting Ratio	50%, ±3.0
Axis Alignment	Both Axis Working

\* 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.**