

# 0203 PM Fused Coupler

C5001-P



## 2x2 1550 nm PM Fused Coupler, 10/90

The coupler is an 2x2 1550 nm 10/90 PM fused coupler. The coupler offers very low insertion loss and high extinction ratio. It can be used for fiber sensor, power monitor and coherent communication.

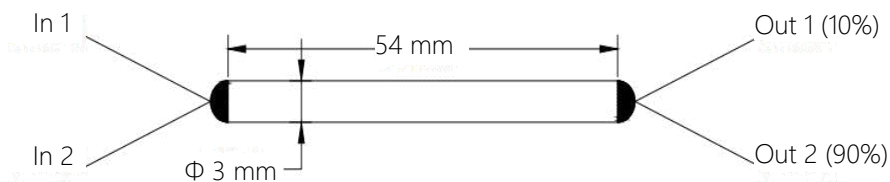
### FEATURES

- High Stability & Reliability
- Low Insertion Loss

### 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	2 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 Tolerance	±1.0%
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.  
**Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**