

# 0202 Thin Film Coupler

C1002-S



## 1x2 1300 nm/1550 nm 10/90 Filter-Type Coupler

The coupler is a 1x2 1300 nm/1550 nm 10/90 filter-type coupler. This highly reliable coupler offers very low insertion loss, low polarization dependence and excellent environmental stability. It can be used for optical communication, HFC & fiber sensors, fiber laser, optical amplifier and photonics integration.

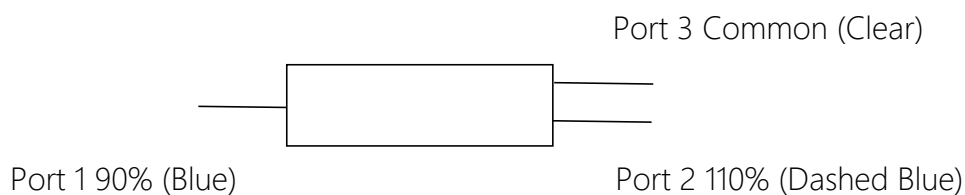
### FEATURES

- Low Excess Loss
- Low Insertion Loss
- Low PDL
- High Stability and Reliability

### USE IN

- Optical Communication
- Local Area Network
- FTTH & LAN
- HFC & Fiber Sensors

### FUNCTIONAL DIAGRAM



	@1300 nm	@1550 nm
Insertion Loss Port 3 to Port 1	0.8±0.15 dB	0.8±0.15 dB
Insertion Loss Port 3 to Port 2	10±1 dB	10±1 dB
Excess Loss	0.5 dB max.	0.5 dB max.
Output Ratio Port 1	90±1%	90±1%
Output Ratio Port 2	10±1%	10±1%
Fiber Type	9/125/250 μm SM Fiber	

**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.**