

# 0202 Thin Film Coupler

C1016-S



## 1x2 1300 nm/1550 nm 50/50 Filter-type Coupler

The coupler is a 1x2 1300 nm/1550 nm 50/50 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.

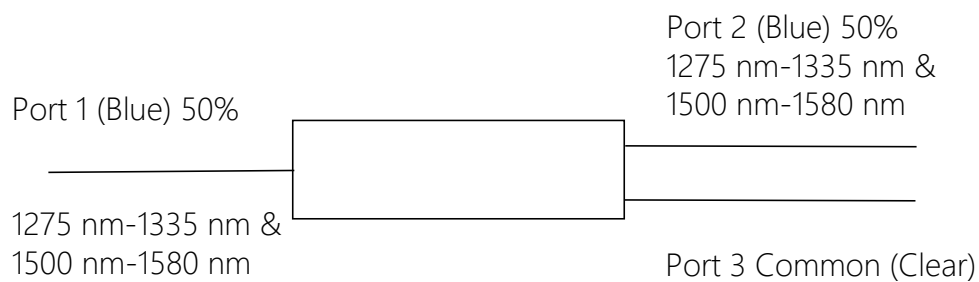
### FEATURES

- 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



Insertion Loss @ 1550 nm (Port 3->1)	3.8 dB max.
Insertion Loss @ 1550 nm (Port 3->2)	3.8 dB max.
Insertion Loss @ 1310 nm (Port 3->1)	3.8 dB max.
Insertion Loss @ 1310 nm (Port 3->2)	3.8 dB max.
Excess Loss@ 1550 nm	0.6 dB max.
Excess Loss@ 1310 nm	0.6 dB max.
Fiber Type	SMF-28, 250 $\mu$ m Fiber

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

**1) Connector FC/APC, 900  $\mu$ m, 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.**