

# 0201 Fused Coupler



## 1x2 1550 nm Coupler, 20%/80%

The coupler is a 1x2 1550 nm, 20%/80% singlemode wideband 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.

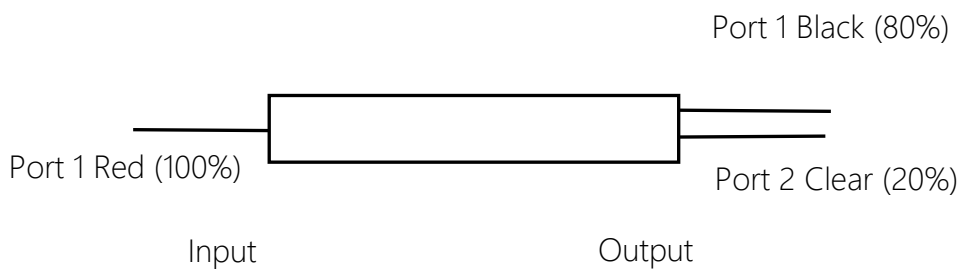
### FEATURES

- 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 (Port1)	1±0.2 dB
Insertion Loss (Port2)	7.1±0.5 dB
Excess Loss	0.1 dB max.
Directivity	55 dB min.
Operating Wavelength	1550±40 nm
Operating Temperature	-40°C to +85°C
Fiber Type	SMF-28 SM Fiber

**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.**