

0201 Fused Coupler

C1031-S



1x2 1550 nm Coupler, 50%/50%

The coupler is a 1x2 1550 nm, 50%/50% 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

Operation Wavelength Range	1510 nm to 1590 nm	
Coupling Ratio	OUT 1	OUT 2
	50±1%	50±1%
Insertion Loss	3.10±0.2 dB	3.10±0.2 dB
Polarization Dependent Loss	0.15 dB max.	
Directivity	50 dB min.	
Operating Temperature	-10 °C to +70 °C	
Storage Temperature	-40 °C to +85 °C	
Fiber Type	SM, 9/125, 250 μm	

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.