

0201 Fused Coupler

C1032-S



1x2 1310 nm/1550 nm 20/80 Coupler

The coupler is a 1x2 1310 nm/1550 nm, 20%/80% 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 Input I1 to O1 (80%)	1±0.2 dB
Insertion Loss Input I1 to O2 (20%)	7.1±0.5 dB
Fiber Type	SMF-28
Splitting Ratio	20/80
Bandpass	1270 nm to 1350 nm & 1510 nm to 1590 nm
Directivity	55 dB min.
PDL	0.15 dB max.
Return Loss	55 dB min.

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.