

0201 Fused Coupler

C1029-S



1x2 1310 nm/1490 nm/1550 nm 10/90 Coupler

The coupler is a 1x2 1310 nm/1490 nm/1550 nm, 10/90 coupler. This highly reliable coupler offers very low insertion loss, low polarization dependence and excellent environmental stability. It can be used for EDFA, cable TV network, passive optical network and fiber to the home, WAN, LAN.

FEATURES

- Compact Size
- Low Insertion Loss
- Low Polarization Dependent Loss
- Conform to Telecordia GR1221/1209 Standard
- High Stability and Reliability

USE IN

- EDFA
- Cable TV Network
- Passive Optical Network
- Fiber to the Home, WAN, LAN

Operating Wavelength	1310 nm/1490 nm/1550 nm
Operating Bandwidth	±40 nm
Coupling Ratio	10/90%
Excess Loss	0.07 dB max.
Insertion Loss	11.2/0.75 dB max.
Polarization Sensitivity	0.15 dB max.
Directivity	55 dB min.
Return Loss	50 dB min.
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Port Configuration	1x2

* Above specification are for device without connector.

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.