

0201 Fused Coupler



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

The C1029-S 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 optical communication, HFC & fiber sensors, fiber laser, optical amplifier and photonics integration.

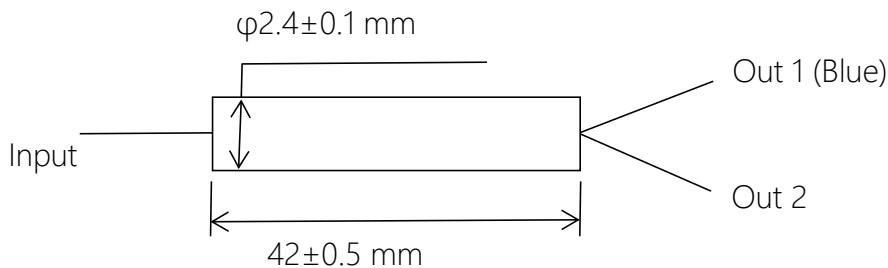
FEATURES

- Low Excess Loss
- Low Insertion Loss
- Low PDL
- High Stability and Reliability

USE IN

- Optical Communication
- Local Area Network
- FTTH & LAN
- HFC & Fiber Sensors

MECHANICAL DRAWING



		1310 nm	1490 nm	1550 nm
Coupler Ratio	Out 1	8.8%	9.8%	10.3%
	Out 2	91.2%	90.2%	89.7%
Insertion Loss	Out 1	10.71 dB	10.26 dB	9.95 dB
	Out 2	0.53 dB	0.60 dB	0.57 dB
PDL	Out 1	0.1000 dB	0.132 dB	0.147 dB
	Out 2	0.009 dB	0.052 dB	0.042 dB
Directivity		55 dB min.		