

0202 Thin Film Coupler



1x2 Broadband Coupler (1530 nm to 1630 nm), 50%/50%

The C1001-S is a 1x2 broadband 1530 nm to 1630 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.

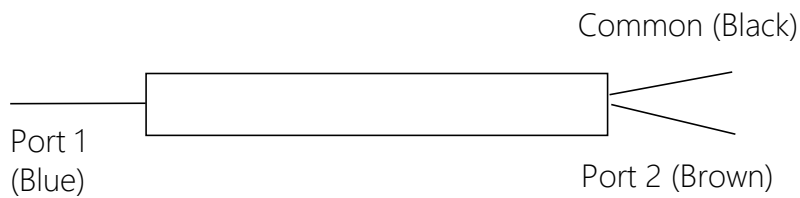
FEATURES

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

USE IN

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

FUNCTIONAL DIAGRAM



Insertion Loss Measured Port 1	3.65 dB to 3.77 dB
	43.15% to 41.98%
Insertion Loss Measured Port 2	3.42 dB to 3.50 dB
	45.50% to 44.67%
Coupling Ratio	48.56%/51.40%
Back Reflection	-50 dB max.
Polarization Dependent Loss	0.05 dB max.