

0202 Thin Film Coupler



1x2 Broadband Coupler (1530 nm to 1630 nm), 25%/75%

The C1000-S is a 1x2 broadband 1530 nm to 1630 nm, 25%/75% 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.

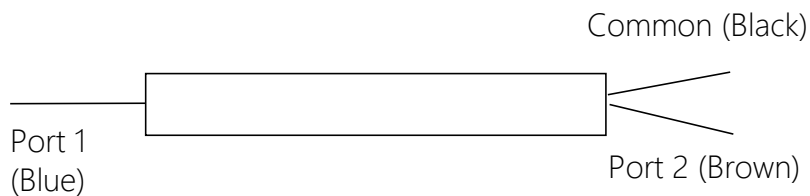
FEATURES

- 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	1.67 dB to 1.76 dB 68.08% to 66.68%
Insertion Loss Measured Port 2	6.26 dB to 6.34 dB 23.66% to 23.23%
Excess Loss	0.22 dB
Coupling Ratio	74.2%/25.8%
Back Reflection	-50 dB max.
Polarization Dependent Loss	0.05 dB max.