

0202 Thin Film Coupler

C1024-S



2x2 980 nm Coupler, 50%/50%

The C1024-S is a 2x2 980 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

		970 nm	980 nm	990 nm
Insertion Loss @25°C	Port 1-3	3.05 dB	3.04 dB	3.03 dB
	Port 1-4	3.14 dB	3.15 dB	3.15 dB
	Port 2-3	3.14 dB	3.15 dB	3.15 dB
	Port 2-4	3.05 dB	3.04 dB	3.03 dB
Coupler Ratio @25°C	Port 1-3	50.5%	50.6%	50.7%
	Port 1-4	49.5%	49.4%	49.3%
	Port 2-3	49.5%	49.4%	49.3%
	Port 2-4	50.5%	50.6%	50.7%