

0202 Thin Film Coupler



C1023-S

1x2 Broadband Coupler (1530 nm to 1630 nm), 10%/90%

The coupler is a 1x2 broadband 1530 nm to 1630 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

FUNCTIONAL DIAGRAM



Insertion Loss Common to Port 90% (T)	0.7±0.1 dB
Insertion Loss Common to Port 10% (R)	10±1 dB
Excess Loss	0.25 dB max.
Tap Ratio	11.3% max.; 10.9% min.
Flatness	0.1 dB max.
Polarization Dependent Loss	0.03 dB max.
Return Loss	55 dB min.

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.