

# 0204 1xN Coupler Array

C9004-S



## 2x2 1310 nm/1490 nm/1550 nm Coupler Module

The module is a 2x2 1310 nm/1490 nm/1550 nm coupler module, coupling ratio: 50%/50%. This highly reliable coupler module 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

Operating Wavelength	1310 nm/1490 nm/1550 nm			
Port Configuration	2x2			
Fiber Type	SM			
Directivity	55 dB min.			

#### Wavelength Tested: 1310 nm

Output	1		2	
Coupling Ratio	50%	50%	50%	50%
Insertion Loss	3.4±0.5 dB	3.4±0.5 dB	3.4±0.5 dB	3.4±0.5 dB

#### Wavelength Tested: 1490 nm

Output	1		2	
Coupling Ratio	50%	50%	50%	50%
Insertion Loss	3.4±0.5 dB	3.4±0.5 dB	3.4±0.5 dB	3.4±0.5 dB

#### Wavelength Tested: 1550 nm

Output	1		2	
Coupling Ratio	50%	50%	50%	50%
Insertion Loss	3.4±0.5 dB	3.4±0.5 dB	3.4±0.5 dB	3.4±0.5 dB

**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.**