

0204 1xN Coupler Array



1x8 1310 nm/1490 nm/1550 nm Coupler Module

The module is a 1x8 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	1x8
Fiber Type	SM
Directivity	55 dB min.

Wavelength Tested: 1310 nm

Output	1	2	3	4	5	6	7	8
Coupling Ratio	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
Insertion Loss	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB

Wavelength Tested: 1490 nm

Output	1	2	3	4	5	6	7	8
Coupling Ratio	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
Insertion Loss	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB

Wavelength Tested: 1550 nm

Output	1	2	3	4	5	6	7	8
Coupling Ratio	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%	12.5%
Insertion Loss	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±0.5 dB	9.6±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.