

0204 1xN Coupler Array

C9003-S



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

The C9003-S 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	9.74 dB	9.46 dB	9.52 dB	9.73 dB	9.72 dB	9.88 dB	9.76 dB	9.93 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	9.82 dB	9.86 dB	9.41 dB	9.34 dB	9.76 dB	9.58 dB	9.69 dB	9.35 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	9.58 dB	9.55 dB	9.67 dB	9.27 dB	9.66 dB	9.57 dB	9.49 dB	9.72 dB