

## 0204 1xN Coupler Array

**C9508-S**



### 1x5 1310 nm & 1550 nm Tap Coupler Module, Tap Ratio: 25/75, Coupler Ratio: 50/50

The C9508-S is a 1x5 1310 nm & 1550 nm tap coupler module, tap ratio: 25/75, coupler ratio: 50/50. This highly reliable coupler module offers very low insertion loss, low polarization dependence and excellent environmental stability.

#### 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 & 1550 nm
Dimensions	111.125x50.8x12.7 mm
Port Configuration	1x5
Fiber Type	Corning SM-28e with 900 μm Loose Tube
Connectors	SC/APC (Output Port), None (Input & Tap Port)
Operating Temperature	-45°C to 80°C

#### Wavelength Tested: 1310 nm

Input 1	Output 1	Output 2	Output 3	Output 4	Tap
Insertion Loss	7.47 dB	7.05 dB	7.57 dB	7.14 dB	6.24 dB
Loss Variation at Output Ports	0.52 dB				
Excess Loss	0.08 dB				

#### Wavelength Tested: 1550 nm

Input 1	Output 1	Output 2	Output 3	Output 4	Tap
Insertion Loss	7.49 dB	7.23 dB	7.73 dB	7.55 dB	6.17 dB
Loss Variation at Output Ports	0.50 dB				
Excess Loss	0.21 dB				