

## 0204 1xN Coupler Array

C9509-S



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

The C9509-S is a 1x5 1310 nm & 1550 nm tap coupler module, tap ratio: TERM, 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	Red	White	Black	Blue	○
Insertion Loss	-6.10 dB	-6.02 dB	-6.01 dB	-6.10 dB	
Loss Variation at Output Ports	0.09 dB				
Excess Loss	0.05 dB				

#### Wavelength Tested: 1550 nm

Input 1	Red	White	Black	Blue	○
Insertion Loss	-6.01 dB	-6.02 dB	-6.02 dB	-6.11 dB	
Loss Variation at Output Ports	0.10 dB				
Excess Loss	0.08 dB				