

## 0204 1xN Coupler Array

C9507-S



### 1x5 1310 nm & 1550 nm Tap Coupler Module, Tap Ratio: 30/70, Coupler Ratio: 50/50

The C9507-S is a 1x5 1310 nm & 1550 nm tap coupler module, tap ratio: 30/70, 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	111x51x13 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	Output 5
Insertion Loss	7.86 dB	7.92 dB	7.90 dB	7.83 dB	5.38 dB
Loss Variation at Output Ports	0.09 dB				
Excess Loss	0.26 dB				

#### Wavelength Tested: 1550 nm

Input 1	Output 1	Output 2	Output 3	Output 4	Output 5
Insertion Loss	8.50 dB	8.09 dB	8.45 dB	8.14 dB	5.11 dB
Loss Variation at Output Ports	0.41 dB				
Excess Loss	0.45 dB				