

## 0204 1xN Coupler Array

C9005-S



### 1x8 1310 nm/1550 nm Splitter/Mux Module

The C9005-S is 1x8 1310 nm/1490 nm/1550 nm splitter/mux 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/1550 nm			
Port Configuration	1x8			
Fiber Type	SMF-28e with 900 μm Loose Tube			
Fiber Length	1.0 m			
Connector	SCA			
Directivity	50 dB min.			
Isolation Cn-On	23 dB min.			
Insertion Loss IN-Cn	7.8 dB max.			
Insertion Cn-On	0.45 dB max.			

#### Wavelength Tested: 1310 nm

Channel	IN-C1	IN-C2	IN-C3	IN-C4
Insertion Loss	0.06 dB	0.10 dB	0.09 dB	0.07 dB

#### Wavelength Tested: 1550 nm

Channel	IN-C1	IN-C2	IN-C3	IN-C4
Insertion Loss	6.83 dB	6.87 dB	6.91 dB	6.87 dB