

# 0204 1xN Coupler Array

**C9010-S**



## 1x32 1310 nm/1490 nm/1550 nm Splitter/Mux Module

The module is 1x32 1310 nm/1490 nm/1550 nm splitter/mux module. This highly reliable coupler module offers very low insertion loss, low polarization dependence and excellent environmental stability.

Operating Wavelength	1310 nm/1490 nm/1550 nm
Port Configuration	1x32
Fiber Type	SMF-28e with 900 μm Loose Tube

### Wavelength Tested: 1310 nm

Channel	IN-OUT1	IN-OUT2	IN-OUT3	IN-OUT4	IN-OUT5	IN-OUT6	IN-OUT7	IN-OUT8
Insertion Loss	0.19 dB	0.18 dB	0.17 dB	0.15 dB	0.23 dB	0.21 dB	0.17 dB	0.16 dB
Channel	IN-OUT9	IN-OUT10	IN-OUT11	IN-OUT12	IN-OUT13	IN-OUT14	IN-OUT15	IN-OUT16
Insertion Loss	0.25 dB	0.23 dB	0.26 dB	0.15 dB	0.16 dB	0.17 dB	0.22 dB	0.23 dB

### Wavelength Tested: 1490 nm

Channel	IN-OUT1	IN-OUT2	IN-OUT3	IN-OUT4	IN-OUT5	IN-OUT6	IN-OUT7	IN-OUT8
Insertion Loss	0.19 dB	0.18 dB	0.17 dB	0.15 dB	0.23 dB	0.21 dB	0.17 dB	0.16 dB
Channel	IN-OUT9	IN-OUT10	IN-OUT11	IN-OUT12	IN-OUT13	IN-OUT14	IN-OUT15	IN-OUT16
Insertion Loss	0.25 dB	0.23 dB	0.26 dB	0.15 dB	0.16 dB	0.17 dB	0.22 dB	0.23 dB

### Wavelength Tested: 1550 nm

Channel	IN-OUT1	IN-OUT2	IN-OUT3	IN-OUT4	IN-OUT5	IN-OUT6	IN-OUT7	IN-OUT8
Insertion Loss	12.40 dB	12.71 dB	12.10 dB	12.18 dB	12.11 dB	12.16 dB	12.64 dB	12.64 dB
Channel	IN-OUT9	IN-OUT10	IN-OUT11	IN-OUT12	IN-OUT13	IN-OUT14	IN-OUT15	IN-OUT16
Insertion Loss	12.21 dB	12.22 dB	12.70 dB	12.48 dB	12.89 dB	12.72 dB	12.42 dB	12.76 dB

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.  
**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**  
**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**