

## C1008-S



### 1x2 Dual Coupler (1480 nm, 2%/98%), (1580 nm, 2%/98%)

The C1008-S is a 1x2 dual 1480 nm, 2%/98%, 1580 nm, 2%/98% coupler. This highly reliable coupler 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.

Coupler/  
Splitter

Coupler/  
Splitter

#### FEATURES

- Low Excess Loss
- Low Insertion Loss
- Low PDL
- High Stability and Reliability

#### USE IN

- Optical Communication
- Fiber Laser
- Optical Amplifier
- HFC & Fiber Sensors

#### FUNCTIONAL DIAGRAM



Input Port  
P1: Red  
P4: N/A

Output Port  
P2: Blue  
P3: Red

Insertion Loss P1-P2	0.05 dB min.; 0.2 dB max.
Insertion Loss P1-P3	16 dB min.; 18 dB max.
Insertion Loss P4-P2	N/A
Wavelength Dep. Loss P1-P2	0.1 dB max.
Wavelength Dep. Loss P1-P3	0.25 dB max.