

## FSDC-1-200-1

### 1~200MHz, 1W

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

- \* Amplifiers
- \* Transmitter
- \* Laboratory Test
- \* Radar

### Electrical

Frequency:	1~200MHz
Insertion Loss:	0.8dB max.
Flatness:	0.15dB max.
Coupling:	10±0.5, 20±0.8dB
Directivity:	18dB typ.
VSWR:	1.2 max.
Average Power:	1W

### Mechanical

Size <sup>*1</sup> :	28*28*12mm 1.102*1.102*0.472in
Connectors:	SMA
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

### How To Order

#### FSDC-1-200-1-X-Y

X: Coupling (10, 20 - Outline A, B)

Y: Connector type

Connector naming rules:

S - SMA female (Outline A)

SMS - SMA male & SMA female (Outline B)

Examples:

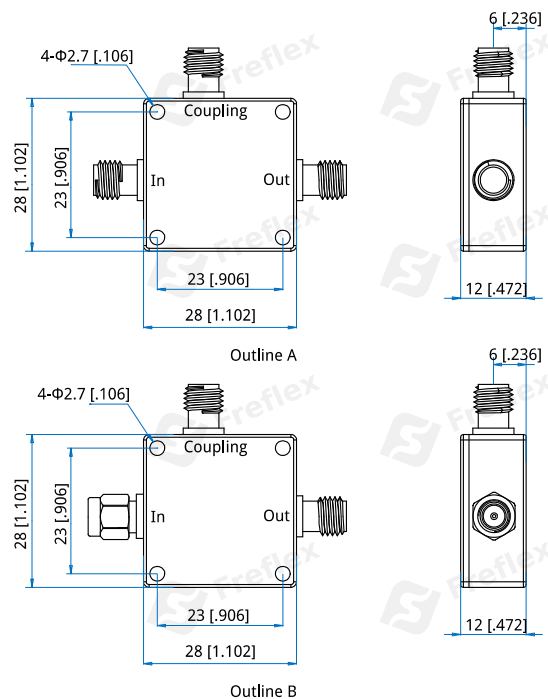
To order a single directional coupler, 1~200MHz, 1W, 10dB, SMA female, specify FSDC-1-200-1-10-S.

Customization is available upon request.

### Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+100°C

### Outline Drawings

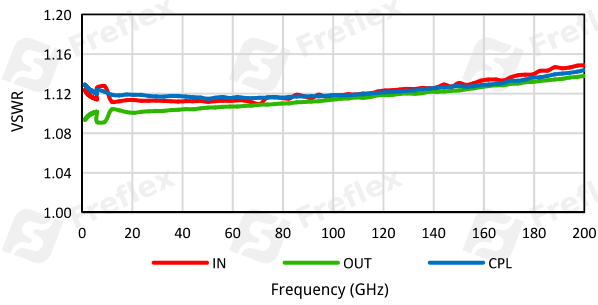


Unit: mm [in]

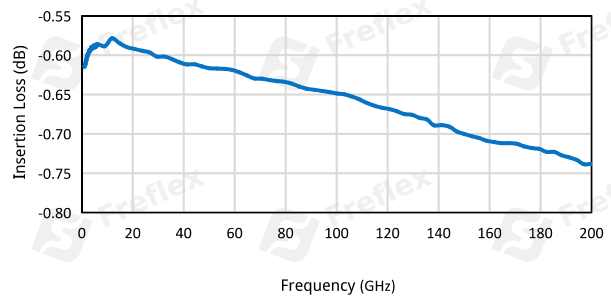
Tolerance: ±0.3mm [±0.012in]

## Typical Performance Curves

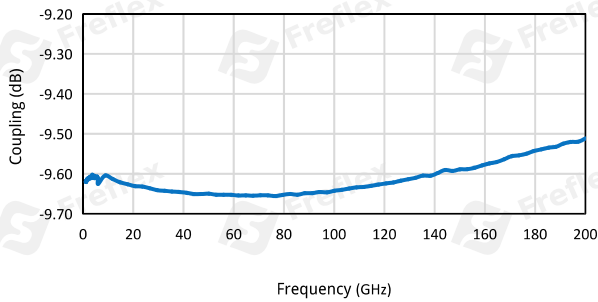
VSWR vs. Frequency



Insertion Loss vs. Frequency



Coupling vs. Frequency



Directivity vs. Frequency

