

## FDDC-2000-18000-30

2~18GHz, 30W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |             |
|--------------------|-------------|
| Frequency:         | 2~18GHz     |
| Directivity:       | 14dB min.   |
| Coupling Flatness: | ±0.7dB max. |
| Impedance:         | 50Ω         |
| Average Power:     | 30W max.    |

| Coupling (dB) | Insertion Loss (dB max.) | VSWR (max.) |
|---------------|--------------------------|-------------|
| 10±0.7        | 2.4                      | 1.5         |
| 20±0.7        | 0.9                      | 1.5         |
| 30±0.7        | 0.8                      | 1.5         |

### Mechanical

Connectors: SMA Female

### Environmental

|                            |            |
|----------------------------|------------|
| Operation Temperature:     | -55~+85°C  |
| Non-operation Temperature: | -55~+100°C |

### How To Order

**FDDC-2000-18000-30-X-Y**

X: Coupling:

10dB - Outline A

20, 30dB - Outline B

Y: Connector type

Connector naming rules:

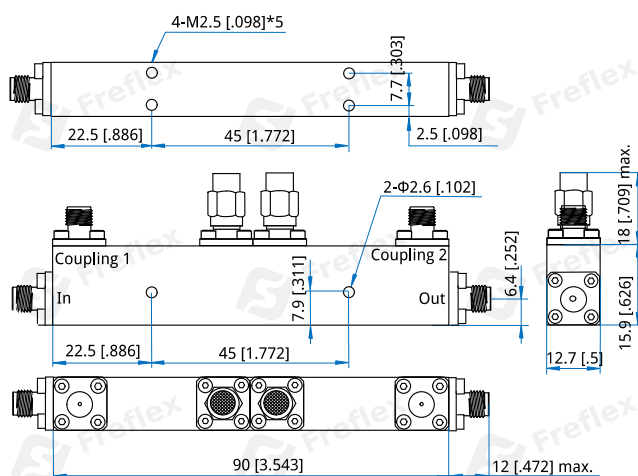
S - SMA female

Examples:

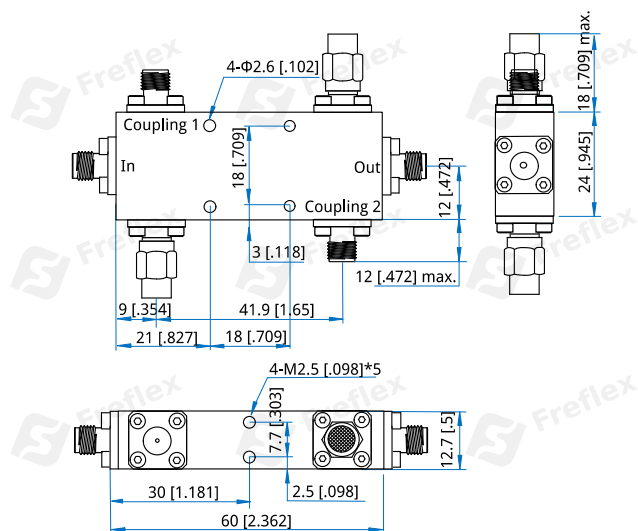
To order a dual directional coupler, 2~18GHz, 30W, 20dB, SMA female, specify FDDC-2000-18000-30-20-S.

Customization is available upon request.

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: .xx±0.5mm [±0.02in], .xx±0.1mm [±0.004in]