

## FDDC-2000-40000-20

2~40GHz, 20W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                |          |
|----------------|----------|
| Frequency:     | 2~40GHz  |
| Impedance:     | 50Ω      |
| Average Power: | 20W max. |

| Coupling (dB) | Insertion Loss (dB max.) | VSWR (max.) | Directivity (dB min.) | Coupling Flatness (dB max.) |
|---------------|--------------------------|-------------|-----------------------|-----------------------------|
| 10±0.9        | 3.3                      | 1.7         | 11                    | ±1.0                        |
| 20±1          | 1.5                      | 1.7         | 10                    | ±1.0                        |
| 30±1          | 1.4                      | 1.7         | 10                    | ±1.0                        |

### Mechanical

Connectors: 2.92mm Female

### Environmental

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

### How To Order

**FDDC-2000-40000-20-X-Y**

X: Coupling:

10dB - Outline A

20, 30dB - Outline B

Y: Connector type

Connector naming rules:

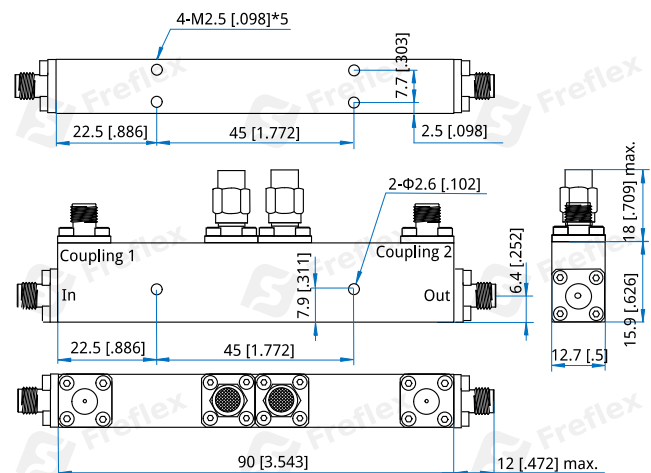
K - 2.92mm female

Examples:

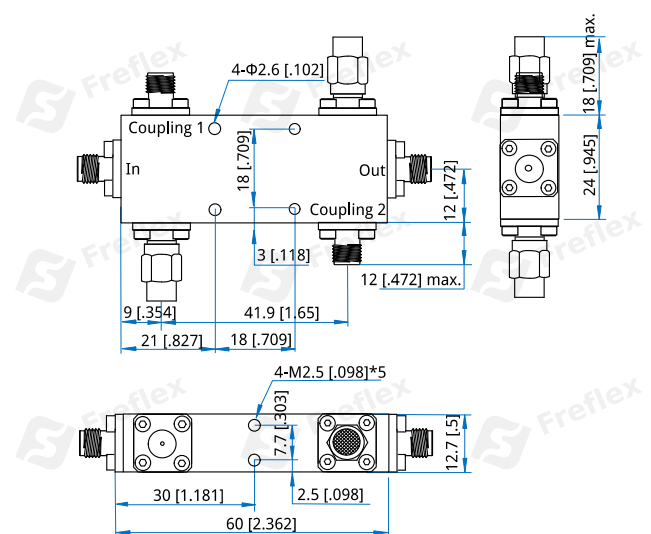
To order a dual directional coupler, 2~40GHz, 20W, 20dB, 2.92mm female, specify FDDC-2000-40000-20-20-K.

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]