

## FSDC-1000-26500-30

1~26.5GHz, 30W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                    |             |
|--------------------|-------------|
| Frequency:         | 1~26.5GHz   |
| Directivity:       | 13dB min.   |
| Coupling Flatness: | ±0.8dB max. |
| Impedance:         | 50Ω         |
| Average Power:     | 30W max.    |

| Coupling (dB) | Insertion Loss (dB max.) | VSWR (max.) |
|---------------|--------------------------|-------------|
| 6±0.7         | 2.8                      | 1.6         |
| 10±0.5        | 1.8                      | 1.6         |
| 30±0.8        | 1.1                      | 1.5         |

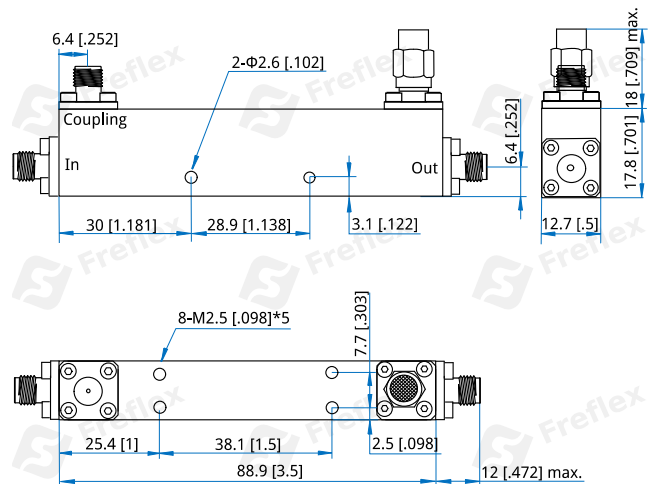
### Mechanical

|             |                                 |
|-------------|---------------------------------|
| Connectors: | SMA Female                      |
| Mounting:   | 2-Φ2.6mm through-hole<br>8-M2*5 |

### Environmental

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

### Outline Drawings



Outline A

Unit: mm [in]

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

### How To Order

**FSDC-1000-26500-30-X-Y**

X: Coupling:

6, 10, 30dB - Outline A

Y: Connector type

Connector naming rules:

S - SMA female

Examples:

To order a single directional coupler, 1~26.5GHz, 30W, 10dB, SMA female, specify FSDC-1000-26500-30-10-S.

Customization is available upon request.