

## FSDC-4000-18000-K3

4~18GHz, 300W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                 |                                          |
|-----------------|------------------------------------------|
| Frequency:      | 4~18GHz                                  |
| Coupling:       | 30±1.5, 40±1.5dB                         |
| Insertion Loss: | 0.9dB max.                               |
| VSWR:           | 1.4 max.                                 |
| Directivity:    | 6dB min. @16-18GHz<br>10dB min. @4-16GHz |
| Impedance:      | 50Ω                                      |
| Average Power:  | 300W                                     |

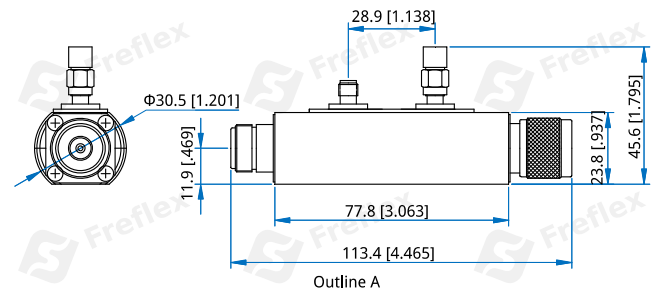
### Mechanical

|                      |                        |
|----------------------|------------------------|
| RF Connectors:       | N Female & N Male      |
| Coupling Connectors: | SMA Female or N Female |

### Environmental

|                            |            |
|----------------------------|------------|
| Operation Temperature:     | -40~+85°C  |
| Non-operation Temperature: | -50~+100°C |

### Outline Drawings



Unit: mm [in]

Tolerance: ±5%

### How To Order

**FSDC-4000-18000-K3-X-Y**

X: Coupling (30, 40dB - Outline A)

Y: Connector type

Connector naming rules:

N-1 - N Female & N Male & SMA Female (Outline A)

N-2 - N Female & N Male & N Female

Examples:

To order a single directional coupler, 4~18GHz, 300W, 30dB, N Female & N Male & SMA Female, specify FSDC-4000-18000-K3-30-N-1.

Customization is available upon request.