

## FSDC-8000-8400-20

8~8.4GHz, 20W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

|                 |                |
|-----------------|----------------|
| Frequency:      | 8~8.4GHz       |
| Insertion Loss: | 1dB max.       |
| Coupling:       | 10±1dB, 20±1dB |
| Directivity:    | 12dB min.      |
| VSWR:           | 1.6 max.       |
| Average Power:  | 20W max.       |
| Impedance:      | 50Ω            |

### Mechanical

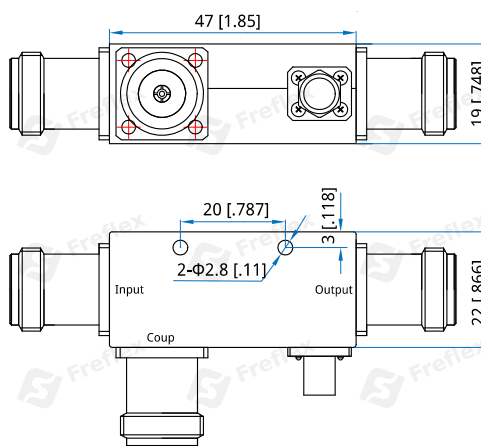
|                      |                                  |
|----------------------|----------------------------------|
| Size <sup>*1</sup> : | 47*22*19mm<br>1.85*0.866*0.748in |
| Connectors:          | N Female                         |
| Mounting:            | 2-Φ2.8mm through-hole            |

[1] Exclude connectors and terminations.

### Environmental

|              |           |
|--------------|-----------|
| Temperature: | -20~+70°C |
|--------------|-----------|

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**FSDC-8000-8400-20-X-Y**

X: Coupling: 10, 20

Y: Connector type

Connector naming rules:

N - N Female

Examples:

To order a single directional coupler, 8~8.4GHz, 20W, 10dB, N, specify FSDC-8000-8400-20-10-N.

Customization is available upon request.