

## FDDC-700-6000-50

0.7~6GHz, 50W

### Features:

\* Low Insertion Loss

### Applications:

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

### Electrical

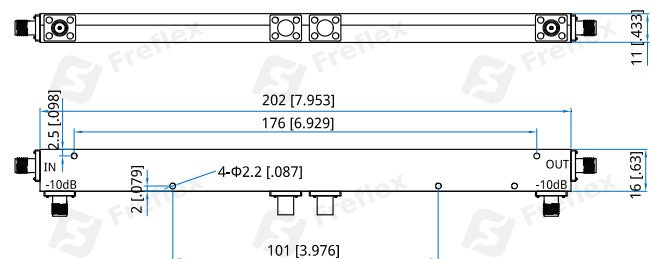
|                 |                                 |
|-----------------|---------------------------------|
| Frequency:      | 0.7~6GHz                        |
| Insertion Loss: | 2.2dB max.<br>1.2dB max. (30dB) |
| Coupling:       | 10±1.2, 30±1.5dB                |
| Directivity:    | 12dB min.<br>10dB min. (30dB)   |
| VSWR:           | 1.4 max.                        |
| Average Power:  | 50W                             |
| Impedance:      | 50Ω                             |

### Mechanical

|                      |                                   |
|----------------------|-----------------------------------|
| Size <sup>*1</sup> : | 202*16*11mm<br>7.953*0.63*0.433in |
| Connectors:          | SMA Female                        |
| Mounting:            | 4-Φ2.2mm through-hole             |

[1] Exclude connectors

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**FDDC-700-6000-50-X-Y**

X: Coupling: 10, 30

Y: Connector type

Connector naming rules:

S- SMA female

Examples:

To order a dual directional coupler, 0.7~6GHz, 50W, 10dB, SMA female, specify FDDC-700-6000-50-10-S.

Customization is available upon request.