

## 6 to 18GHz – Directional Coupler

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

### RF Characteristics

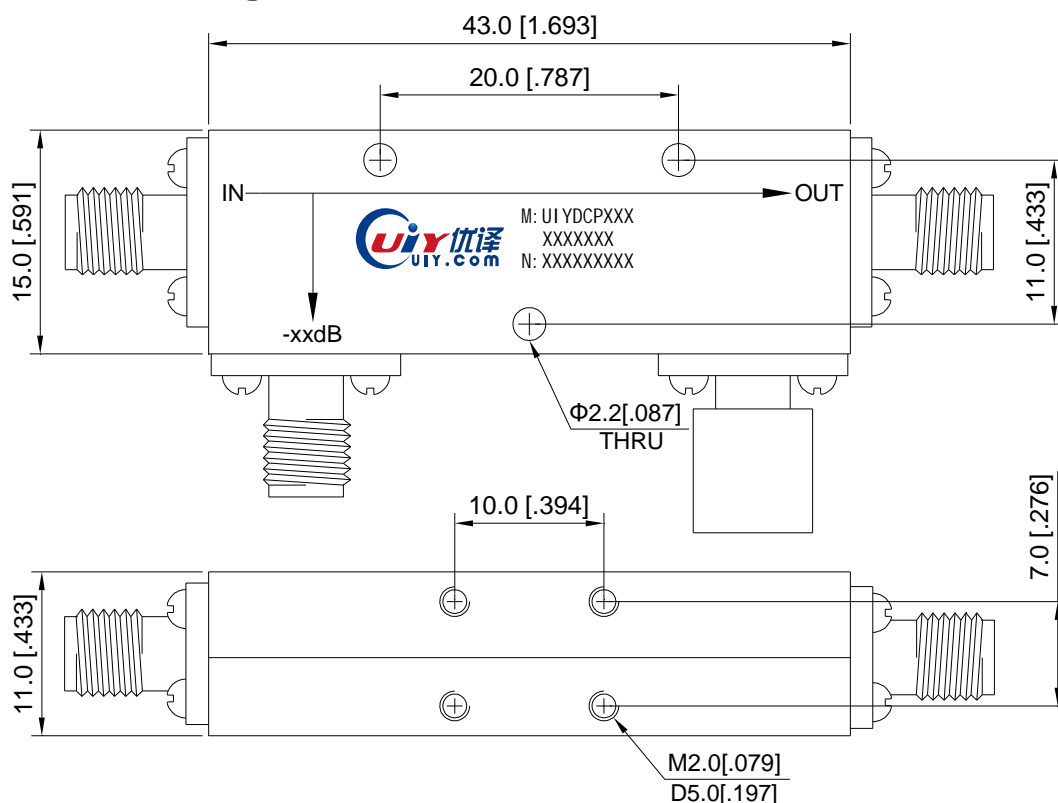
| Model No.            | Freq. Range (GHz) | Nominal Coupling (dB) | Flatness (dB) | IL. (dB) | Directivity (dB) | VSWR | Power (W) | Connector Type | Temp. (°C) |
|----------------------|-------------------|-----------------------|---------------|----------|------------------|------|-----------|----------------|------------|
| UIYDCP4315E6T18C10SF | 6.0 ~ 18.0        | 10                    | ±1.0          | 1.2      | 12               | 1.5  | 30        | SMA-F          | -55~+85    |
| UIYDCP4315E6T18C20SF | 6.0 ~ 18.0        | 20                    | ±1.0          | 1.0      | 12               | 1.5  | 30        | SMA-F          | -55~+85    |
| UIYDCP4315E6T18C30SF | 6.0 ~ 18.0        | 30                    | ±1.5          | 0.8      | 10               | 1.5  | 30        | SMA-F          | -55~+85    |

<sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.

<sup>2</sup> Please provide the information below when inquiring and mark \* is required.

- \* 1. The specific frequency ranges
- \* 2. Power handling (Forward, Reverse, Peak, etc.)
- \* 3. Connect type (SMA Male/ Female, N Male/ Female, etc.)
- 4. Other special requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 2\%$  unless otherwise stated.

Ver. 5.0