

1 to 4GHz – 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

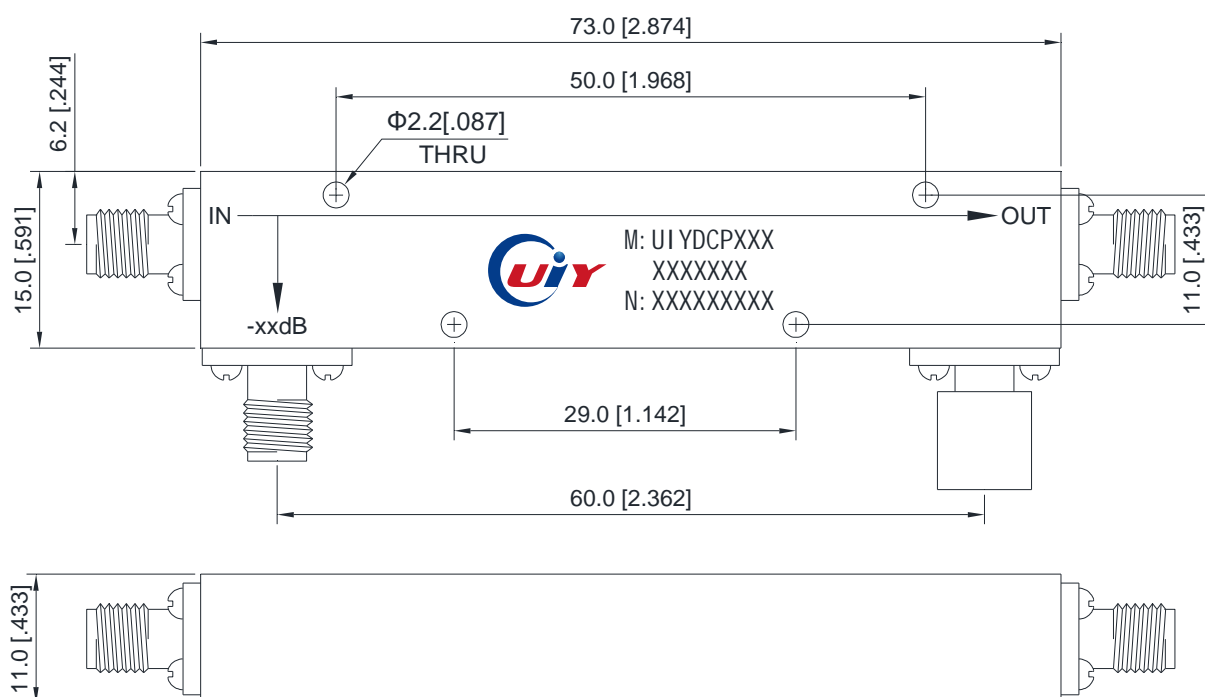
| Model No. | Freq.Range (GHz) | Nominal Coupling(dB) | Flatness (dB) | IL. (dB) | Directivity (dB) | VSWR | Power (W) | Connector Type | Temp. (°C) |
|---------------------|------------------|----------------------|---------------|----------|------------------|------|-----------|----------------|------------|
| UIYDCP7315A1T4C10SF | 1.0~4.0 | 10±1 | ±0.7 | 1.0 | 18 | 1.25 | 50 | SMA-F | -55~+85 |
| UIYDCP7315A1T4C20SF | 1.0~4.0 | 20±1 | ±0.7 | 0.5 | 18 | 1.25 | 50 | SMA-F | -55~+85 |
| UIYDCP7315A1T4C30SF | 1.0~4.0 | 30±1 | ±0.7 | 0.5 | 18 | 1.25 | 50 | SMA-F | -55~+85 |

² Listed are specific frequency ranges and tailor-made ranges are available.

² 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 ±2% unless otherwise stated.

Ver. 5

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