

## 4 to 8GHz – 300W Coaxial Isolator

### Design Features

- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### RF Characteristics

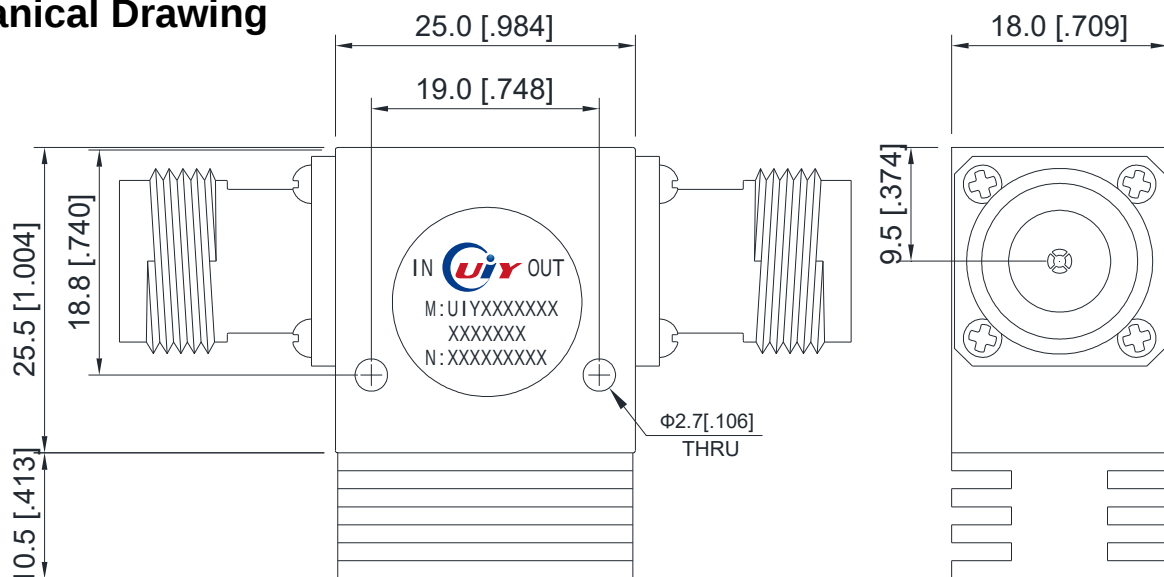
| Model Number      | Freq. Range (GHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|-------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCI2536A4T45NF  | 4.0 ~ 4.5         | 0.4                    | 20                | 1.25     | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A45T5NF  | 4.5 ~ 5.0         | 0.35                   | 23                | 1.2      | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A47T51NF | 4.7 ~ 5.1         | 0.35                   | 23                | 1.2      | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A48T59NF | 4.8 ~ 5.9         | 0.5                    | 20                | 1.25     | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A5T6NF   | 5.0 ~ 6.0         | 0.4                    | 20                | 1.25     | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A57T59NF | 5.7 ~ 5.9         | 0.3                    | 23                | 1.2      | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A58T65NF | 5.8 ~ 6.5         | 0.3                    | 23                | 1.2      | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A65T7NF  | 6.5 ~ 7.0         | 0.4                    | 20                | 1.25     | 300              | 100              | N-F            | -20 ~ +70 |
| UIYCI2536A7T8NF   | 7.0 ~ 8.0         | 0.4                    | 20                | 1.25     | 300              | 100              | N-F            | -20 ~ +70 |

<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 request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



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

Ver. 5.0