

7.0 to 20.0GHz –Dual Junction Coaxial Isolator

Design Features

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

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) |
|-------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCDI2420A74T77SF | 7.4 ~ 7.7 | 0.6 | 45 | 1.2 | 60 | 10 | SMA-F | -40 ~ +85 |
| UIYCDI2420A8T10SF | 8.0 ~ 10.0 | 0.8 | 40 | 1.25 | 60 | 10 | SMA-F | -40 ~ +85 |
| UIYCDI2420A93T95SM | 9.3 ~ 9.5 | 0.6 | 45 | 1.2 | 60 | 10 | SMA-M | -40 ~ +85 |
| UIYCDI2420A10T13SF | 10.0 ~ 13.0 | 0.8 | 40 | 1.25 | 60 | 10 | SMA-F | -40 ~ +85 |
| UIYCDI2420A107T133SFTSM | 10.7 ~ 13.3 | 0.7 | 45 | 1.2 | 60 | 10 | SMA-F to SMA-M | -40 ~ +85 |
| UIYCDI2420A1375T145SF | 13.75 ~ 14.5 | 0.6 | 45 | 1.2 | 60 | 10 | SMA-F | -40 ~ +85 |
| UIYCDI2420A138T178SF | 13.8 ~ 17.8 | 1.0 | 36 | 1.3 | 60 | 10 | SMA-F | -40 ~ +85 |
| UIYCDI2420A155T165SF | 15.5 ~ 16.5 | 0.6 | 45 | 1.2 | 60 | 10 | SMA-F | -40 ~ +85 |

² List are specify frequency range and other ranges available.

² Please enter below information when inquiry and mark * is must.

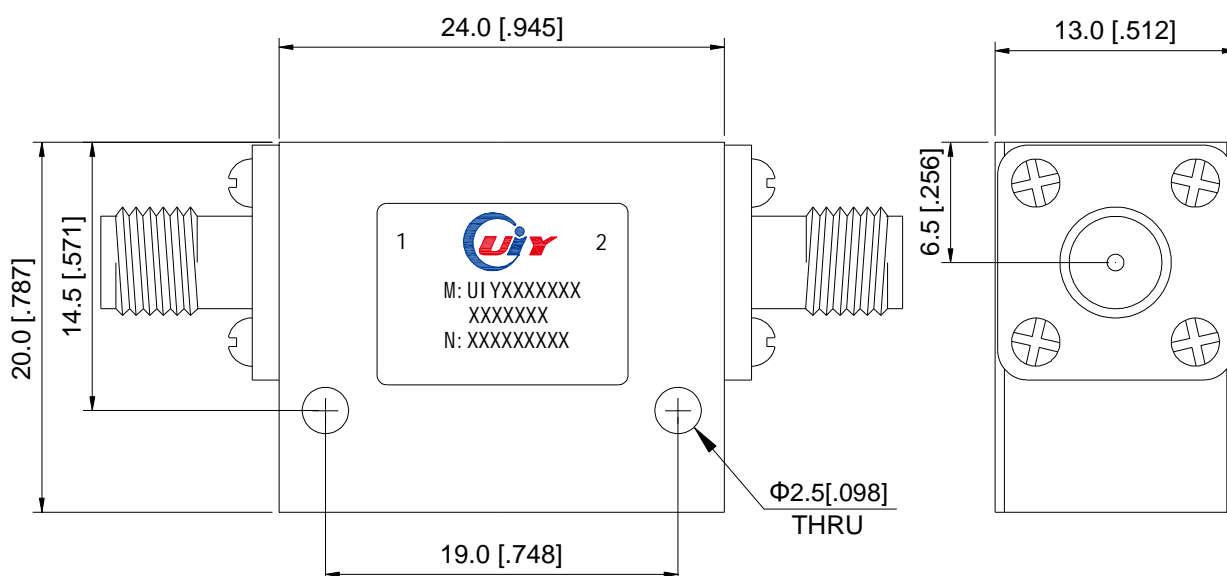
* 1. The specific frequency range

* 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