

250 to 1300MHz – Dual Junction Coaxial Isolator

Design Features

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

RF Characteristics

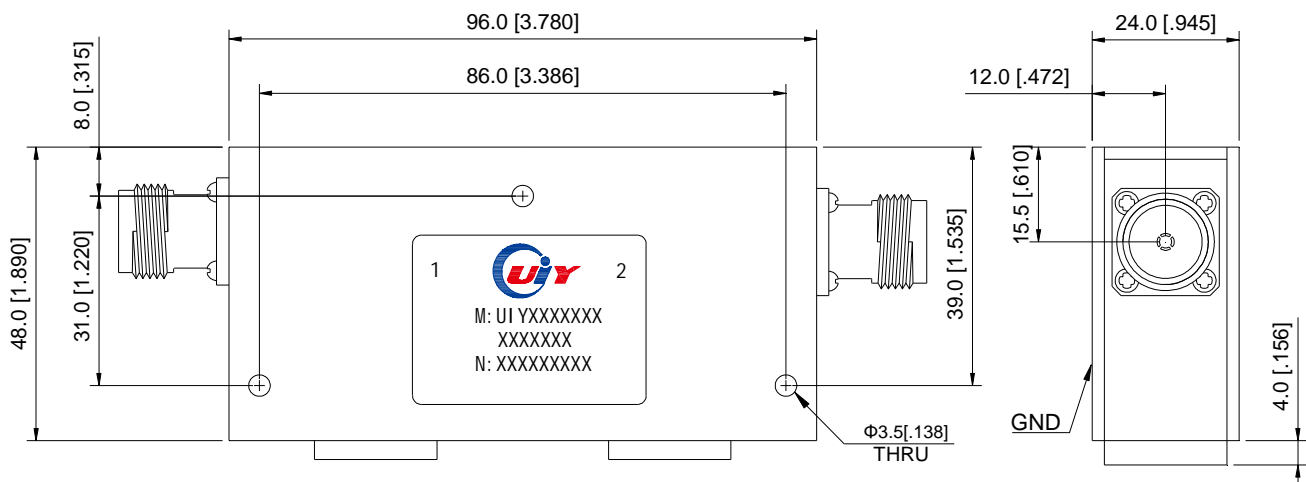
| Model Number | Freq. Range (MHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCDI9648A300T350NF | 300 ~ 350 | 0.6 | 45 | 1.2 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A350T400NF | 350 ~ 400 | 0.6 | 45 | 1.2 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A350T500NF | 350 ~ 500 | 0.6 | 32 | 1.4 | 100 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A380T470NF | 380 ~ 470 | 0.7 | 40 | 1.25 | 300 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A400T470NF | 400 ~ 470 | 0.6 | 45 | 1.2 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A400T430NF | 400 ~ 430 | 0.5 | 50 | 1.15 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A440T470NF | 440 ~ 470 | 0.5 | 50 | 1.15 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A440T470SF | 440 ~ 470 | 0.5 | 50 | 1.15 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI9648A470T570NF | 470 ~ 570 | 0.8 | 40 | 1.25 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A480T520NF | 480 ~ 520 | 0.6 | 45 | 1.2 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A570T670NF | 570 ~ 670 | 0.8 | 40 | 1.25 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A670T770NF | 670 ~ 770 | 0.8 | 40 | 1.25 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A700T1000NF | 700 ~ 1000 | 1.2 | 36 | 1.3 | 400 | 30 | N-F | -30 ~ +70 |
| UIYCDI9648A1200T1300NF | 1200 ~ 1300 | 0.6 | 40 | 1.25 | 400 | 30 | N-F | -30 ~ +70 |

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 ± 0.2 mm unless otherwise stated.

Ver. 5