

700 to 3500MHz –Dual Junction Coaxial Isolator

Design Features

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

RF Characteristics

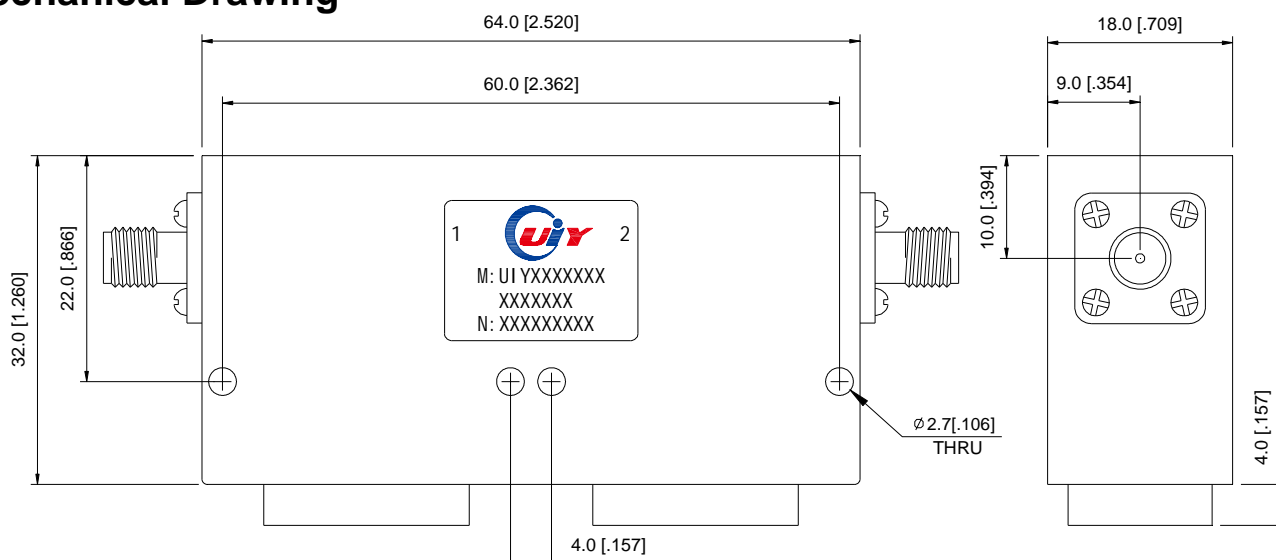
| Model Number | Freq. Range (MHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCDI6432A800T900NF | 800 ~ 900 | 0.8 | 40 | 1.25 | 200 | 30 | N-F | -30 ~ +70 |
| UIYCDI6432A925T960SF | 925 ~ 960 | 0.6 | 45 | 1.2 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI6432A960T1215NF | 960 ~ 1215 | 0.8 | 40 | 1.25 | 200 | 30 | N-F | -30 ~ +70 |
| UIYCDI6432A1350T1500SF | 1350 ~ 1500 | 0.6 | 40 | 1.25 | 150 | 30 | SMA-F | -40 ~ +85 |
| UIYCDI6432A1450T1700SF | 1450 ~ 1700 | 0.8 | 40 | 1.25 | 100 | 30 | SMA-F | -20 ~ +65 |
| UIYCDI6432A1600T1700SF | 1600 ~ 1700 | 0.5 | 50 | 1.15 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI6432A1600T2000NF | 1600 ~ 2000 | 1.0 | 36 | 1.3 | 200 | 30 | N-F | -20 ~ +65 |
| UIYCDI6432A1700T2200SF | 1700 ~ 2200 | 1.0 | 36 | 1.3 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI6432A1710T1785SF | 1710 ~ 1785 | 0.6 | 50 | 1.15 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI6432A1800T2400SF | 1800 ~ 2400 | 1.0 | 36 | 1.3 | 100 | 30 | SMA-F | -40 ~ +70 |
| UIYCDI6432A2000T2500SF | 2000 ~ 2500 | 0.8 | 40 | 1.25 | 100 | 30 | SMA-F | -40 ~ +70 |
| UIYCDI6432A2000T2700SF | 2000 ~ 2700 | 1.0 | 36 | 1.3 | 100 | 30 | SMA-F | -40 ~ +70 |
| UIYCDI6432A2110T2170SF | 2110 ~ 2170 | 0.6 | 50 | 1.15 | 100 | 30 | SMA-F | -40 ~ +85 |
| UIYCDI6432A2300T2500SF | 2300 ~ 2500 | 0.6 | 45 | 1.2 | 100 | 30 | SMA-F | -40 ~ +85 |
| UIYCDI6432A2400T2600SF | 2400 ~ 2600 | 0.6 | 45 | 1.2 | 100 | 30 | SMA-F | -40 ~ +85 |
| UIYCDI6432A2500T2700SF | 2500 ~ 2700 | 0.6 | 45 | 1.2 | 100 | 30 | SMA-F | -40 ~ +85 |
| UIYCDI6432A2500T2700NF | 2500 ~ 2700 | 0.6 | 45 | 1.2 | 100 | 30 | N-F | -40 ~ +85 |
| UIYCDI6432A2900T3100SF | 2900 ~ 3100 | 0.7 | 40 | 1.3 | 100 | 30 | SMA-F | -40 ~ +85 |
| UIYCDI6432A3100T3500SF | 3100 ~ 3500 | 0.7 | 40 | 1.3 | 100 | 30 | SMA-F | -40 ~ +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 $\pm 2\%$ unless otherwise stated.

Ver. 5