

# 700 to 2000MHz – 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

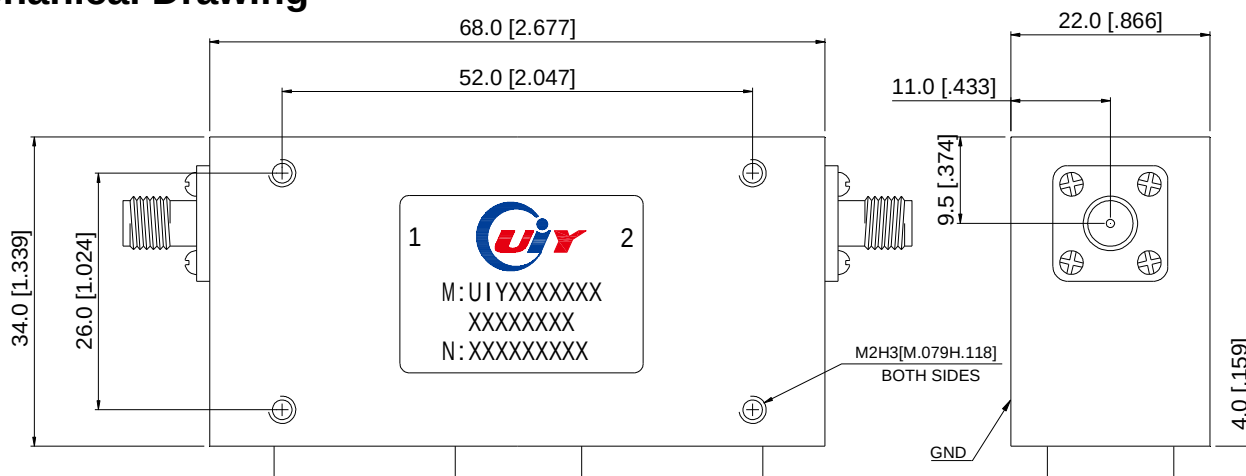
| Model Number             | Freq. Range (MHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|--------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCDI6834A700T900SF     | 700 ~ 900         | 0.8                    | 36                | 1.3      | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI6834A800T1000NF    | 800 ~ 1000        | 0.8                    | 40                | 1.25     | 100              | 30               | N-F            | -30 ~ +70 |
| UIYCDI6834A805T870NF     | 805 ~ 870         | 0.6                    | 45                | 1.2      | 200              | 30               | N-F            | -30 ~ +70 |
| UIYCDI6834A850T1150SMTSF | 850 ~ 1150        | 1.2                    | 36                | 1.3      | 100              | 30               | SMA-M to SMA-F | -30 ~ +70 |
| UIYCDI6834A860T960SF     | 860 ~ 960         | 0.6                    | 45                | 1.2      | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI6834A900T1200SF    | 900 ~ 1200        | 1.0                    | 40                | 1.25     | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI6834A900T1300SF    | 900 ~ 1300        | 1.2                    | 36                | 1.3      | 100              | 30               | SMA-F          | -30 ~ +70 |
| UIYCDI6834A950T1415SF    | 950 ~ 1415        | 1.2                    | 36                | 1.4      | 100              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A950T1450SF    | 950 ~ 1450        | 1.2                    | 32                | 1.4      | 100              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A960T1215NF    | 960 ~ 1215        | 0.8                    | 40                | 1.25     | 200              | 30               | N-F            | -30 ~ +70 |
| UIYCDI6834A1000T1500SF   | 1000 ~ 1500       | 1.2                    | 36                | 1.4      | 200              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A1225T1875SF   | 1225 ~ 1875       | 1.2                    | 32                | 1.4      | 100              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A1350T1850SF   | 1350 ~ 1850       | 1.0                    | 36                | 1.3      | 100              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A1290T1710SF   | 1290 ~ 1710       | 1.0                    | 40                | 1.25     | 120              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A1300T1740SF   | 1300 ~ 1740       | 1.0                    | 40                | 1.25     | 100              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A1300T1800SF   | 1300 ~ 1800       | 1.0                    | 36                | 1.3      | 100              | 30               | SMA-F          | 0 ~ +60   |
| UIYCDI6834A1350T1850SF   | 1350 ~ 1850       | 1.0                    | 36                | 1.3      | 100              | 30               | SMA-F          | 0 ~ +60   |

<sup>2</sup> List are specify frequency range and other ranges available.

<sup>2</sup> 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