

# 700 to 2000MHz – Dual Junction 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

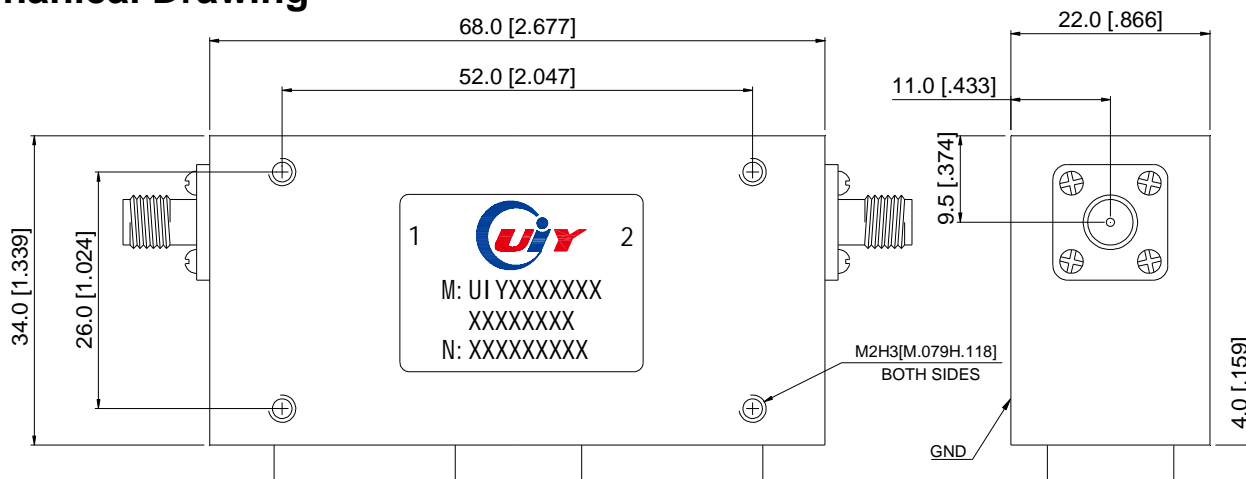
Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCDI6834A700T900SF	700 ~ 900	0.8	36	1.3	100	30	SMA-F	-30 ~ +70
UIYCDI6834A800T1000NF	800 ~ 1000	0.8	40	1.25	100	30	N-F	-30 ~ +70
UIYCDI6834A805T870NF	805 ~ 870	0.6	45	1.2	200	30	N-F	-40 ~ +85
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	-40 ~ +85
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> 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 requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

## Mechanical Drawing



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

Ver. 5

No. 8, Lane 1, Xintun East Zone, Longgang District, Shenzhen 518172, China.

Web: [www.uiy.com](http://www.uiy.com)

Tel: +86-755-83748888 +86-755-25999990

Fax: +86-755-25999959

E-mail: [sales@uiy.com](mailto:sales@uiy.com)