

# 130 to 900MHz – 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

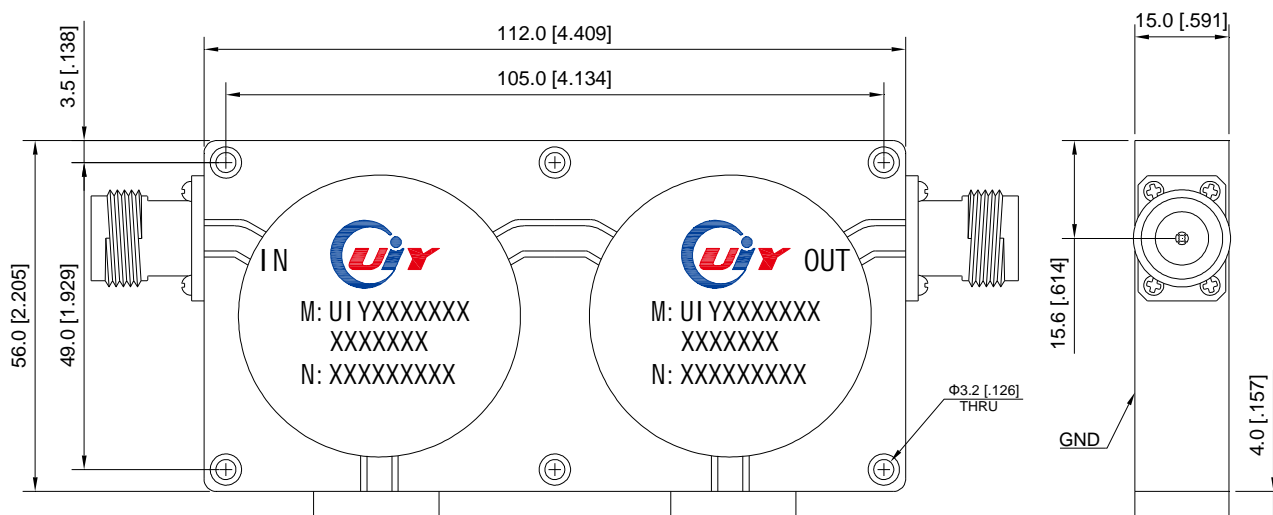
Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCDI11256A145T150SF	136 ~ 150	1.0	36	1.3	100	30	SMA-F	-10 ~ +60
UIYCDI11256A150T155NF	150 ~ 155	1.0	40	1.25	300	30	N-F	-10 ~ +70
UIYCDI11256A150T170SF	150 ~ 170	1.2	36	1.3	100	30	SMA-F	-10 ~ +70
UIYCDI11256A168T171SF	168 ~ 171	0.8	46	1.2	100	30	SMA-F	-30 ~ +70
UIYCDI11256A170T200NF	170 ~ 200	1.4	36	1.3	300	30	N-F	-30 ~ +70
UIYCDI11256A180T220SF	180 ~ 220	1.0	36	1.3	100	30	SMA-F	-30 ~ +70
UIYCDI11256A192T232SF	192 ~ 232	0.8	40	1.25	100	30	SMA-F	-30 ~ +70
UIYCDI11256A1975T2075SMTSF	197.5~207.5	0.8	46	1.2	100	30	SMA -M to SMA-F	-30 ~ +70
UIYCDI11256A200T250SF	200 ~ 250	1.2	40	1.25	100	30	SMA-F	-30 ~ +70
UIYCDI11256A230T250NF	230 ~ 250	0.6	46	1.2	300	30	N-F	-30 ~ +70
UIYCDI11256A250T300SF	250 ~ 300	0.8	40	1.25	100	30	SMA-F	-30 ~ +70
UIYCDI11256A500T750SF	500 ~ 750	1.0	32	1.4	100	30	SMA-F	-30 ~ +70
UIYCDI11256A600T900SF	600 ~ 900	1.0	34	1.35	100	30	SMA-F	-30 ~ +70

<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  $\pm 2\%$  unless otherwise stated.

Ver. 5.1