

# 280 to 1000MHz – Dual Junction Coaxial Circulator

## Design Features

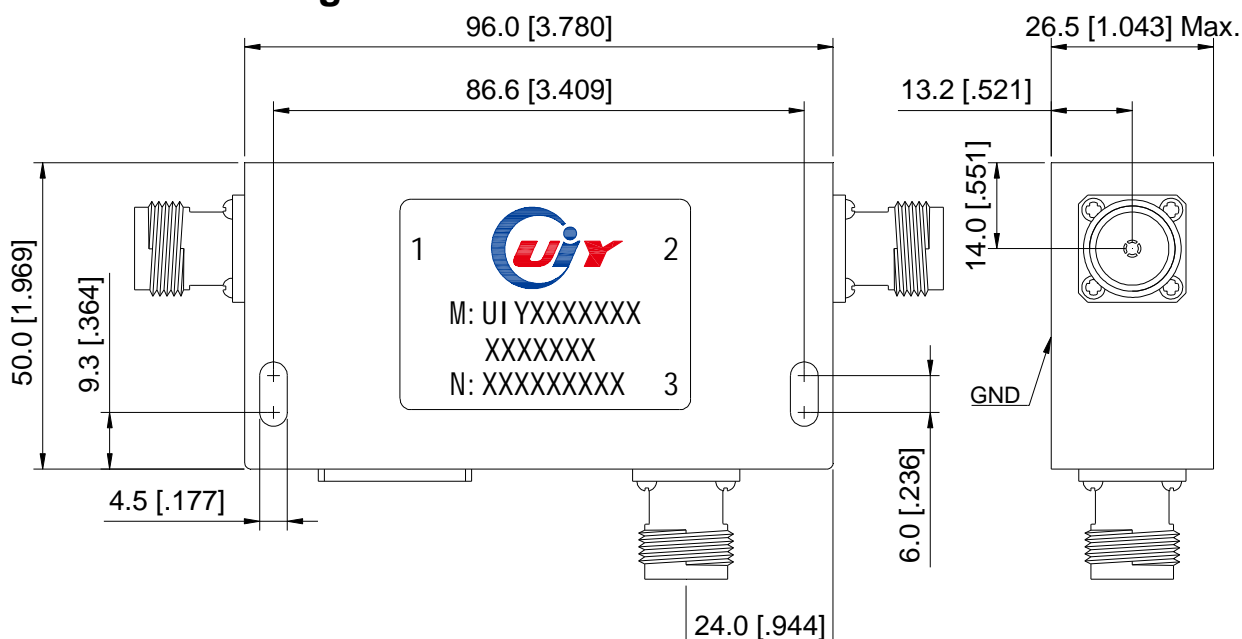
- ◆ Can be in Dual Junction or Multi-Junction for higher isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

## RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss (1-2) Max(dB)	Isolation (2-1) Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCDC9650A289T359NF	289 ~ 359	1.0	40	1.25	300	300	N-F	-30 ~ +70
UIYCDC9650A300T400SF	300 ~ 400	1.4	36	1.3	100	100	SMA-F	-30 ~ +70
UIYCDC9650A300T450SF	300 ~ 450	1.4	32	1.4	100	100	SMA-F	-20 ~ +60
UIYCDC9650A350T400SF	350 ~ 400	0.7	45	1.2	100	100	SMA-F	-30 ~ +70
UIYCDC9650A350T500SF	350 ~ 500	1.2	32	1.4	100	100	SMA-F	-20 ~ +60
UIYCDC9650A400T430NF	400 ~ 430	0.5	50	1.15	300	300	N-F	-30 ~ +70
UIYCDC9650A440T470NF	440 ~ 470	0.5	50	1.15	300	300	N-F	-30 ~ +70
UIYCDC9650A400T500NF	400 ~ 500	0.7	40	1.25	300	300	N-F	-30 ~ +70
UIYCDC9650A500T700NF	500 ~ 700	1.0	36	1.35	300	300	N-F	-30 ~ +70
UIYCDC9650A690T1000SF	690 ~ 1000	1.2	36	1.3	100	100	SMA-F	-30 ~ +70
UIYCDC9650A700T1000SF	700 ~ 1000	1.2	36	1.3	100	100	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  $\pm 0.2$ mm unless otherwise stated.

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