

# 7 to 12GHz –Dual Junction Coaxial Circulator

## 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

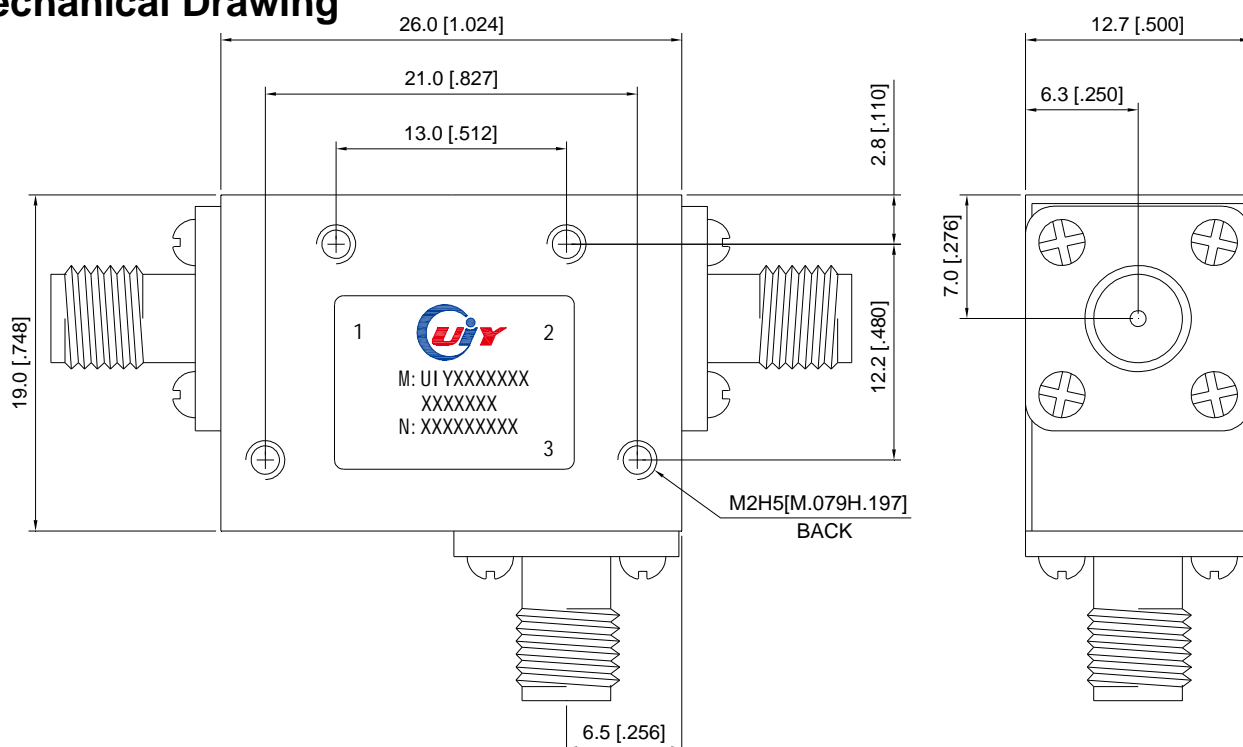
Model Number	Freq. Range (GHz)	Insertion Loss (1-2) Max(dB)	Isolation (2-1) Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCDC2619A74T77SF	7.4 ~ 7.7	0.6	45	1.2	60	60	SMA-F	-40 ~ +85
UIYCDC2619A79T85SM	7.9 ~ 8.5	0.6	45	1.2	60	60	SMA-M	-40 ~ +85
UIYCDC2619A8T10SF	8.0 ~ 10.0	0.7	40	1.25	60	60	SMA-F	-40 ~ +85
UIYCDC2619A8T12SF	8.0 ~ 12.0	1.0	36	1.3	60	60	SMA-F	-40 ~ +85
UIYCDC2619A8T12SMTSFTSF	8.0 ~ 12.0	1.0	36	1.3	60	60	SMA-M @Port 1 SMA-F @Other	-40 ~ +85
UIYCDC2619A10T11SF	10.0 ~ 11.0	0.6	45	1.2	60	60	SMA-F	-40 ~ +85
UIYCDC2619A10T12SF	10.0 ~ 12.0	0.8	40	1.25	60	60	SMA-F	-40 ~ +85

<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