

# 6 to 27.5GHz – 3 Port Dual Junction Coaxial Circulator

## Design Features

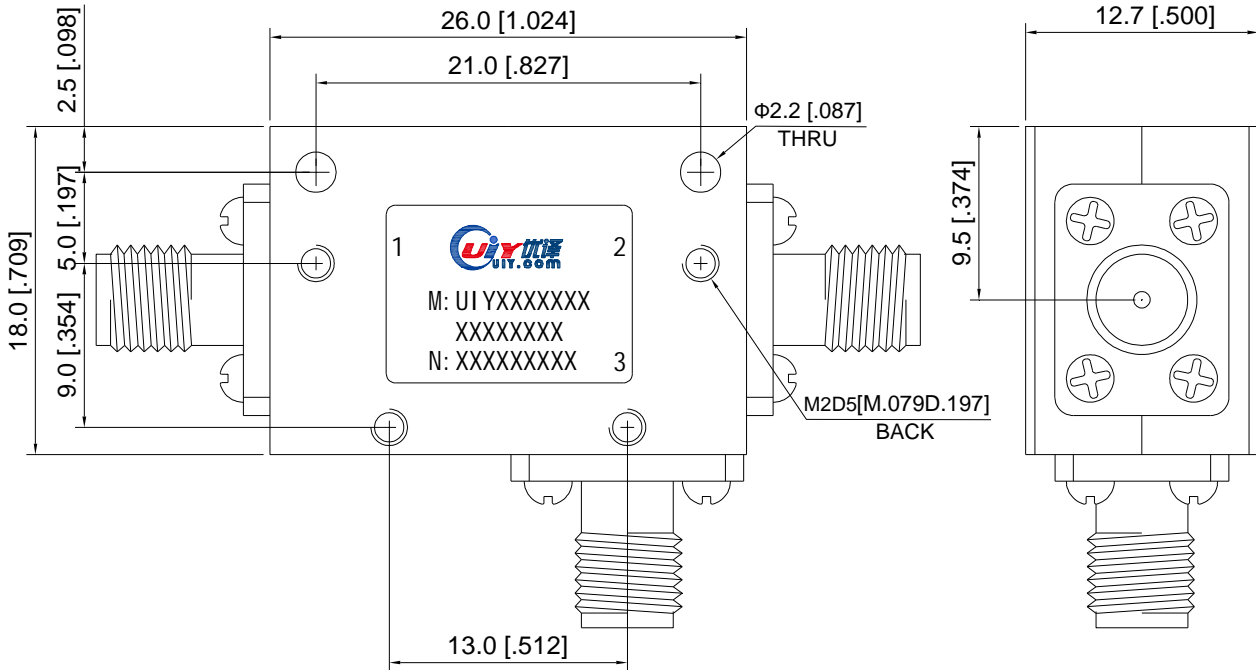
- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

## 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)
UIYCDC2618A6T8SF	6.0 ~ 8.0	1.0	36	1.3	60	60	SMA-F	-55 ~ +85
UIYCDC2618A7T9SF	7.0 ~ 9.0	1.0	40	1.25	60	60	SMA-F	-55 ~ +85
UIYCDC2618A74T77SF	7.4 ~ 7.7	0.6	45	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A78T86SF	7.8 ~ 8.6	0.6	45	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A8T10SF	8.0 ~ 10.0	0.8	40	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A8T11SF	8.0 ~ 11.0	0.8	40	1.25	60	60	SMA-F	-55 ~ +85
UIYCDC2618A8T12SF	8.0 ~ 12.0	1.0	36	1.3	60	60	SMA-F	-55 ~ +85
UIYCDC2618A9T10SF	9.0 ~ 10.0	0.6	45	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A9T11SF	9.0 ~ 11.0	0.8	40	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A93T95SM	9.3 ~ 9.5	0.6	45	1.2	60	60	SMA-M	-55 ~ +85
UIYCDC2618A10T13SF	10.0 ~ 13.0	0.8	42	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A10T15SFTSMTSF	10.0 ~ 15.0	1.2	36	1.35	60	60	SMA-F @Other SMA-M @Port 2	-55 ~ +85
UIYCDC2618A107T133SMTSFTSF	10.7 ~ 13.3	0.6	45	1.2	60	60	SMA-M @Port 1 SMA-F @Other	-55 ~ +85
UIYCDC2618A12T18SF	12.0 ~ 18.0	1.0	36	1.3	60	60	SMA-F	-55 ~ +85
UIYCDC2618A1375T145SF	13.75 ~ 14.5	0.6	45	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A138T178SF	13.8 ~ 17.8	1.0	36	1.3	60	60	SMA-F	-55 ~ +85
UIYCDC2618A155T165SF	15.5 ~ 16.5	0.6	45	1.2	60	60	SMA-F	-55 ~ +85
UIYCDC2618A16T18SF	16.0 ~ 18.0	1.0	40	1.25	60	60	SMA-F	-55 ~ +85
UIYCDC2618A18T20SF	18.0 ~ 20.0	1.0	40	1.25	60	60	SMA-F	-55 ~ +85
UIYCDC2618A18T22SF	18.0 ~ 22.0	1.2	36	1.3	30	30	SMA-F	-40 ~ +85
UIYCDC2618A21T23SF	21.0 ~ 23.0	1.0	40	1.25	30	30	SMA-F	-40 ~ +85
UIYCDC2618A22T24SF	22.0 ~ 24.0	1.0	40	1.25	30	30	SMA-F	-40 ~ +85
UIYCDC2618A23T25SF	23.0 ~ 25.0	1.0	40	1.25	30	30	SMA-F	-40 ~ +85
UIYCDC2618A24T26KF	24.0 ~ 26.0	1.0	40	1.25	30	30	2.92mm-F	-40 ~ +85
UIYCDC2618A2425T275KF	24.25 ~ 27.5	1.2	36	1.3	30	30	2.92mm-F	-40 ~ +85
UIYCDC2618A25T27KF	25.0 ~ 27.0	1.0	40	1.25	30	30	2.92mm-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.