

6 to 40GHz – Coaxial Circulator

Design Features

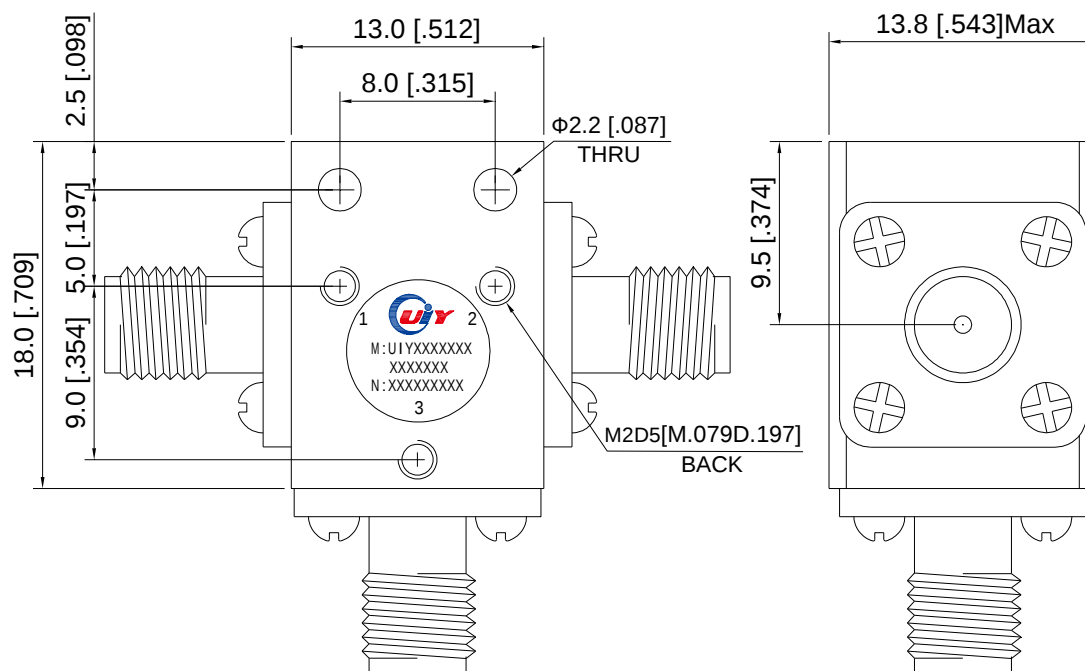
- ◆ Can be dual junction or multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

RF Characteristics

Model Number	Freq. Range (GHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCC1318A6T8SF	6.0 ~ 8.0	0.5	18	1.3	60	60	SMA-F	-55 ~ +85
UIYCC1318A7T9SF	7.0 ~ 9.0	0.5	20	1.25	60	60	SMA-F	-55 ~ +85
UIYCC1318A74T77SF	7.4 ~ 7.7	0.3	23	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A78T86SF	7.8 ~ 8.6	0.3	23	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A8T10SF	8.0 ~ 10.0	0.4	20	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A8T11SF	8.0 ~ 11.0	0.4	20	1.25	60	60	SMA-F	-55 ~ +85
UIYCC1318A8T12SF	8.0 ~ 12.0	0.5	18	1.3	60	60	SMA-F	-55 ~ +85
UIYCC1318A9T10SF	9.0 ~ 10.0	0.3	23	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A9T11SF	9.0 ~ 11.0	0.4	20	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A93T95SM	9.3 ~ 9.5	0.3	23	1.2	60	60	SMA-M	-55 ~ +85
UIYCC1318A10T13SF	10.0 ~ 13.0	0.4	21	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A10T15SFTSMTSF	10.0 ~ 15.0	0.6	18	1.35	60	60	SMA-F to SMA-M to SMA-F	-55 ~ +85
UIYCC1318A107T133SFTSMTSF	10.7 ~ 13.3	0.35	23	1.2	60	60	SMA-F to SMA-M to SMA-F	-55 ~ +85
UIYCC1318A12T18SF	12.0 ~ 18.0	0.5	18	1.3	60	60	SMA-F	-55 ~ +85
UIYCC1318A1375T145SF	13.75 ~ 14.5	0.3	23	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A138T178SF	13.8 ~ 17.8	0.5	18	1.3	60	60	SMA-F	-55 ~ +85
UIYCC1318A155T165SF	15.5 ~ 16.5	0.3	23	1.2	60	60	SMA-F	-55 ~ +85
UIYCC1318A16T18SF	16.0 ~ 18.0	0.5	20	1.25	60	60	SMA-F	-55 ~ +85
UIYCC1318A18T20SF	18.0 ~ 20.0	0.5	20	1.25	60	60	SMA-F	-55 ~ +85
UIYCC1318A18T22SF	18.0 ~ 22.0	0.6	18	1.3	30	30	SMA-F	-40 ~ +85
UIYCC1318A21T23SF	21.0 ~ 23.0	0.5	20	1.25	30	30	SMA-F	-40 ~ +85
UIYCC1318A22T24SF	22.0 ~ 24.0	0.5	20	1.25	30	30	SMA-F	-40 ~ +85
UIYCC1318A23T25SF	23.0 ~ 25.0	0.5	20	1.25	30	30	SMA-F	-40 ~ +85
UIYCC1318A24T26KF	24.0 ~ 26.0	0.5	20	1.25	30	30	2.92mm-F	-40 ~ +85
UIYCC1318A2425T275KF	24.25 ~ 27.5	0.6	18	1.3	30	30	2.92mm-F	-40 ~ +85
UIYCC1318A25T27KF	25.0 ~ 27.0	0.5	20	1.25	30	30	2.92mm-F	-40 ~ +85
UIYCC1318A27T29KF	27.0 ~ 29.0	0.5	20	1.25	30	30	2.92mm-F	-40 ~ +85
UIYCC1318A27T31KF	27.0 ~ 31.0	1.1	16	1.4	30	30	2.92mm-F	-40 ~ +85
UIYCC1318A33T37KF	33.0 ~ 37.0	1.2	16	1.4	30	30	2.92mm-F	-40 ~ +85
UIYCC1318A34T36KF	34.0 ~ 36.0	1.2	16	1.4	30	30	2.92mm-F	-40 ~ +85

- ² Listed are specific frequency ranges and tailor-made ranges are available.
- ² 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 request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

Mechanical Drawing



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

Ver. 5.2