

6 to 20GHz – Coaxial Circulator

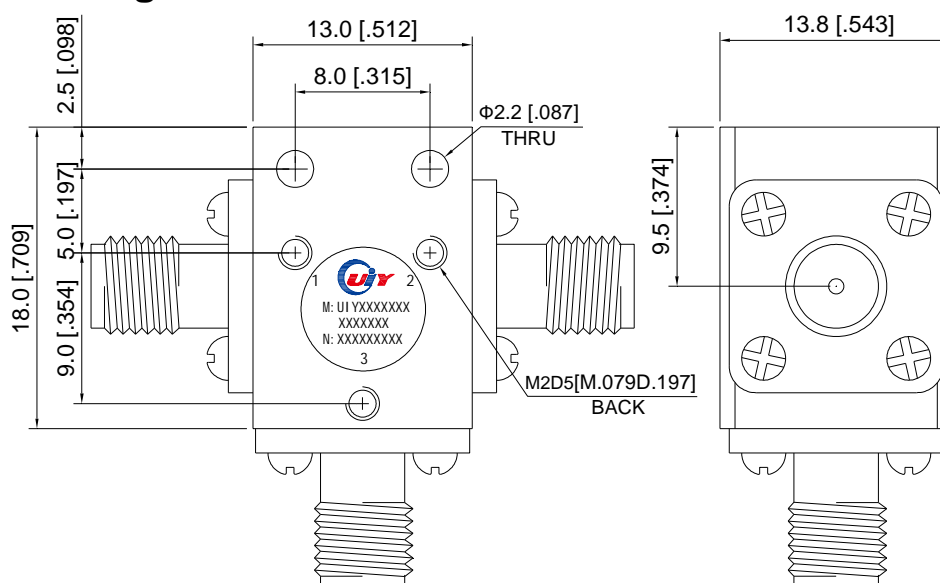
Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ 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
UIYCC1318A10T15SFTSM	10.0 ~ 15.0	0.6	18	1.35	60	60	SMA-F to SMA-M	-55 ~ +85
UIYCC1318A107T133SFTSM	10.7 ~ 13.3	0.35	23	1.2	60	60	SMA-F to SMA-M	-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 ~ 18	0.5	20	1.25	60	60	SMA-F	-55 ~ +85
UIYCC1318A18T20SF	18 ~ 20	0.5	20	1.25	60	60	SMA-F	-55 ~ +85

Mechanical Drawing



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

Ver. 5