45 to 270MHz – Dual Junction Coaxial Circulator

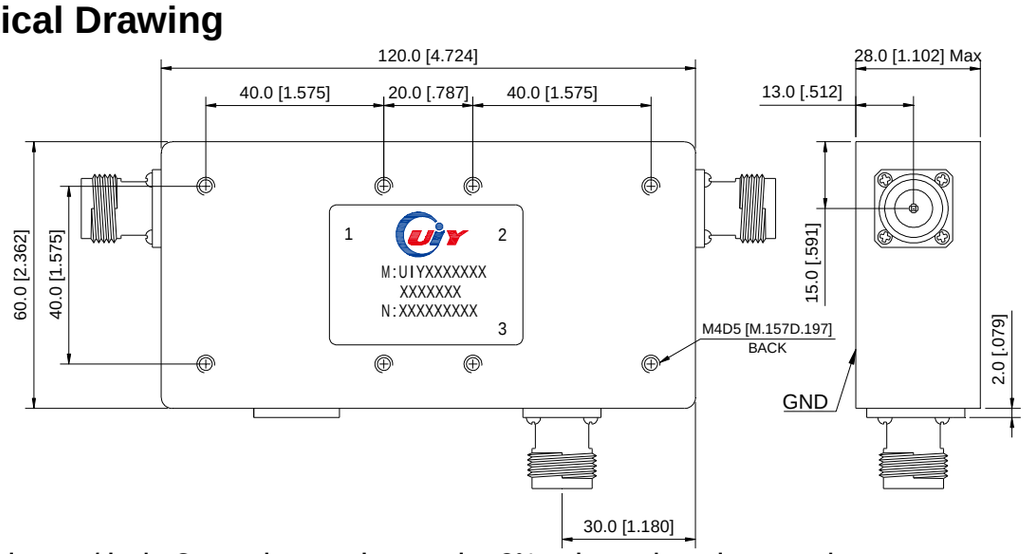
Design Features

- Can be dual junction even three for high isolation.
- Custom design available upon request.
- Military, space and commercial applications.
- Guaranteed for one year standard.

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.(℃)
UIYCDC12060A45T50SF	45 ~ 50	3.0	36	1.3	100	100	SMA-F	-10 ~ +65
UIYCDC12060A45T55SF	45 ~ 55	3.6	36	1.3	100	100	SMA-F	-10 ~ +65
UIYCDC12060A50T75SF	50 ~ 75	3.6	40	1.25	100	100	SMA-F	-10 ~ +65
UIYCDC12060A55T75SF	55 ~ 75	2.5	40	1.25	100	100	SMA-F	-10 ~ +65
UIYCDC12060A60T65NF	60 ~ 65	2.0	40	1.25	100	100	N-F	-10 ~ +65
UIYCDC12060A65T70NF	65 ~ 70	2.0	40	1.25	100	100	N-F	-10 ~ +65
UIYCDC12060A68T88SF	68 ~ 88	2.5	36	1.3	100	100	SMA-F	-20 ~ +65
UIYCDC12060A70T85SF	70 ~ 85	1.6	40	1.25	100	100	SMA-F	-20 ~ +65
UIYCDC12060A70T90NF	70 ~ 90	2.0	40	1.25	100	100	N-F	-20 ~ +65
UIYCDC12060A80T120SF	80 ~ 120	2.0	36	1.3	100	100	SMA-F	0 ~ +65
UIYCDC12060A85T135NF	85 ~ 135	2.0	36	1.3	100	100	N-F	-10 ~ +65
UIYCDC12060A87T108NF	87 ~ 108	1.2	40	1.25	100	100	N-F	-20 ~ +65
UIYCDC12060A87T108NFP200	87 ~ 108	1.2	40	1.25	200	200	N-F	-20 ~ +65
UIYCDC12060A88T138NF	88 ~ 138	2.0	36	1.3	100	100	N-F	-10 ~ +65
UIYCDC12060A100T130NF	100 ~ 130	1.2	40	1.25	100	100	N-F	-30 ~ +70
UIYCDC12060A100T130NFP200	100 ~ 130	1.2	40	1.25	200	200	N-F	-30 ~ +70
UIYCDC12060A100T150SF	100 ~ 150	1.2	40	1.25	100	100	SMA-F	-10 ~ +65
UIYCDC12060A108T118NF	108 ~ 118	1.0	45	1.2	100	100	N-F	-30 ~ +70
UIYCDC12060A108T118NFP200	108 ~ 118	1.0	45	1.2	200	200	N-F	-30 ~ +70
UIYCDC12060A118T137NF	118 ~ 137	1.0	45	1.2	100	100	N-F	-30 ~ +70
UIYCDC12060A118T137NFP200	118 ~ 137	1.0	45	1.2	200	200	N-F	-30 ~ +70
UIYCDC12060A130T180SF	130 ~ 180	1.6	40	1.25	100	100	SMA-F	-30 ~ +70
UIYCDC12060A136T174SF	136 ~ 174	1.0	40	1.25	100	100	SMA-F	-30 ~ +70
UIYCDC12060A136T174NFP200	136 ~ 174	1.0	40	1.25	200	200	N-F	-30 ~ +70
UIYCDC12060A148T174NFP150	148 ~ 174	0.8	50	1.15	150	150	N-F	-30 ~ +70
UIYCDC12060A150T200NF	150 ~ 200	1.2	40	1.25	100	100	N-F	-30 ~ +70
UIYCDC12060A150T225SF	150 ~ 225	1.8	36	1.3	100	100	SMA-F	-30 ~ +70
UIYCDC12060A170T200NF	170 ~ 200	1.0	40	1.25	100	100	N-F	-30 ~ +70
UIYCDC12060A170T200NFP200	170 ~ 200	1.0	40	1.25	200	200	N-F	-30 ~ +70
UIYCDC12060A180T220SMTSF	180 ~ 220	1.0	40	1.25	100	100	SMA-M to SMA-F	-30 ~ +70
UIYCDC12060A200T270NF	200 ~ 270	2.0	36	1.3	100	100	N-F	-30 ~ +70

Mechanical Drawing



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

Ver. 5

3/F, Building A5, Shenbao Power Industrial Park, Shenzhen 518116, China. Web: www.uiy.com
Tel: +86-755-83748888 +86-755-25999990 Fax: +86-755-25999959 E-mail: sales@uiy.com