45 to 270MHz – Coaxial Isolator

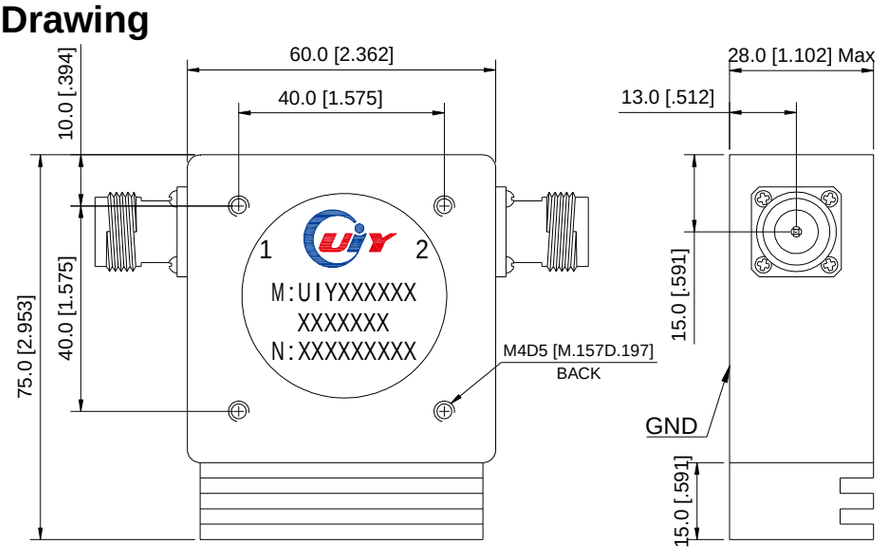
Design Features

- 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 Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(℃)
UIYCI6075A45T50SF	45 ~ 50	1.5	18	1.3	100	100	SMA-F	-10 ~ +65
UIYCI6075A45T55SF	45 ~ 55	1.5	18	1.3	100	100	SMA-F	-10 ~ +65
UIYCI6075A50T75SF	50 ~ 75	1.8	20	1.25	100	100	SMA-F	-10 ~ +65
UIYCI6075A55T75SF	55 ~ 75	1.3	20	1.25	100	100	SMA-F	-10 ~ +65
UIYCI6075A60T65NF	60 ~ 65	1.0	20	1.25	100	100	N-F	-10 ~ +65
UIYCI6075A65T70NF	65 ~ 70	1.0	20	1.25	100	100	N-F	-10 ~ +65
UIYCI6075A68T88SF	68 ~ 88	1.3	18	1.3	100	100	SMA-F	-20 ~ +65
UIYCI6075A70T85SF	70 ~ 85	0.8	20	1.25	100	100	SMA-F	-20 ~ +65
UIYCI6075A70T90NF	70 ~ 90	1.0	20	1.25	100	100	N-F	-20 ~ +65
UIYCI6075A80T120SF	80 ~ 120	1.0	18	1.3	100	100	SMA-F	0 ~ +65
UIYCI6075A85T135NF	85 ~ 135	1.0	18	1.3	100	100	N-F	-10 ~ +65
UIYCI6075A87T108NF	87 ~ 108	0.6	20	1.25	100	100	N-F	-20 ~ +65
UIYCI6075A87T108NFP200	87 ~ 108	0.6	20	1.25	200	100	N-F	-20 ~ +65
UIYCI6075A88T138NF	88 ~ 138	1.0	18	1.3	100	100	N-F	-10 ~ +65
UIYCI6075A100T130NF	100 ~ 130	0.6	20	1.25	100	100	N-F	-30 ~ +70
UIYCI6075A100T130NFP200	100 ~ 130	0.6	20	1.25	200	100	N-F	-30 ~ +70
UIYCI6075A100T150SF	100 ~ 150	0.8	20	1.25	100	100	SMA-F	-10 ~ +65
UIYCI6075A108T118NF	108 ~ 118	0.5	23	1.2	100	100	N-F	-30 ~ +70
UIYCI6075A108T118NFP200	108 ~ 118	0.5	23	1.2	200	100	N-F	-30 ~ +70
UIYCI6075A118T137NF	118 ~ 137	0.5	23	1.2	100	100	N-F	-30 ~ +70
UIYCI6075A118T137NFP200	118 ~ 137	0.5	23	1.2	200	100	N-F	-30 ~ +70
UIYCI6075A130T180SF	130 ~ 180	0.8	20	1.25	100	100	SMA-F	-30 ~ +70
UIYCI6075A136T174SF	136 ~ 174	0.5	20	1.25	100	100	SMA-F	-30 ~ +70
UIYCI6075A136T174NFP200	136 ~ 174	0.5	20	1.25	200	100	N-F	-30 ~ +70
UIYCI6075A148T174NFP150	148 ~ 174	0.5	25	1.15	150	100	N-F	-30 ~ +70
UIYCI6075A150T200NF	150 ~ 200	0.6	20	1.25	100	100	N-F	-30 ~ +70
UIYCI6075A150T225SF	150 ~ 225	0.9	18	1.3	100	100	SMA-F	-30 ~ +70
UIYCI6075A170T200NF	170 ~ 200	0.5	20	1.25	100	100	N-F	-30 ~ +70
UIYCI6075A170T200NFP200	170 ~ 200	0.5	20	1.25	200	100	N-F	-30 ~ +70
UIYCI6075A180T220SMTSF	180 ~ 220	0.5	20	1.25	100	100	SMA-M to SMA-F	-30 ~ +70
UIYCI6075A200T270NF	200 ~ 270	1.0	18	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, No 9, Xiangyin Rd, Longgang District, Shenzhen 518116, China.
Web: www.uiy.com
Tel: +86-755-25999990 +86-755-25999909 Fax: +86-755-25999959
E-mail: sales@uiy.com