

45 to 270MHz – Dual Junction Coaxial Isolator

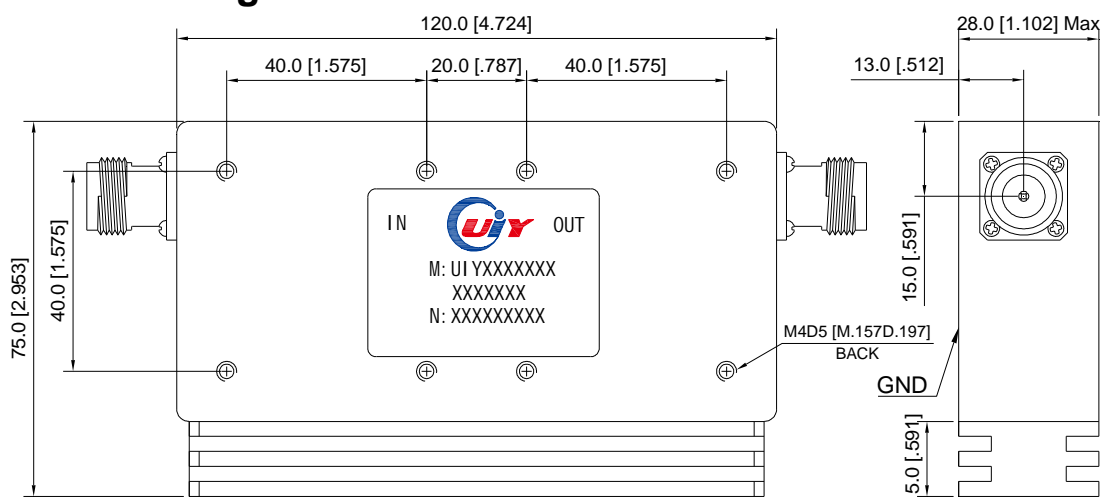
Design Features

- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.

RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss (1-2 & 3-4) Max(dB)	Isolation (2-1 & 4-3) Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCDI12075A45T50SF	45 ~ 50	3.0	36	1.3	100	100	SMA-F	-10 ~ +65
UIYCDI12075A45T55SF	45 ~ 55	3.6	36	1.3	100	100	SMA-F	-10 ~ +65
UIYCDI12075A50T75SF	50 ~ 75	3.6	40	1.25	100	100	SMA-F	-10 ~ +65
UIYCDI12075A55T75SF	55 ~ 75	2.5	40	1.25	100	100	SMA-F	-10 ~ +65
UIYCDI12075A60T65NF	60 ~ 65	2.0	40	1.25	100	100	N-F	-10 ~ +65
UIYCDI12075A65T70NF	65 ~ 70	2.0	40	1.25	100	100	N-F	-10 ~ +65
UIYCDI12075A68T88SF	68 ~ 88	2.5	36	1.3	100	100	SMA-F	-20 ~ +65
UIYCDI12075A70T85SF	70 ~ 85	1.6	40	1.25	100	100	SMA-F	-20 ~ +65
UIYCDI12075A70T90NF	70 ~ 90	2.0	40	1.25	100	100	N-F	-20 ~ +65
UIYCDI12075A80T120SF	80 ~ 120	2.0	36	1.3	100	100	SMA-F	0 ~ +65
UIYCDI12075A85T135NF	85 ~ 135	2.4	36	1.3	100	100	N-F	-10 ~ +65
UIYCDI12075A87T108NF	87 ~ 108	1.2	40	1.25	100	100	N-F	-20 ~ +65
UIYCDI12075A87T108NFP200	87 ~ 108	1.2	40	1.25	200	100	N-F	-20 ~ +65
UIYCDI12075A88T138NF	88 ~ 138	2.0	36	1.3	100	100	N-F	-10 ~ +65
UIYCDI12075A100T130NF	100 ~ 130	1.2	40	1.25	100	100	N-F	-30 ~ +70
UIYCDI12075A100T150SF	100 ~ 150	2.0	40	1.25	100	100	SMA-F	-10 ~ +65
UIYCDI12075A108T118NF	108 ~ 118	1.0	45	1.2	100	100	N-F	-30 ~ +70
UIYCDI12075A108T118NFP200	108 ~ 118	1.0	45	1.2	200	100	N-F	-30 ~ +70
UIYCDI12075A112T156NF	112 ~ 156	1.6	40	1.25	100	100	N-F	-30 ~ +70
UIYCDI12075A118T137NF	118 ~ 137	1.0	45	1.2	100	100	N-F	-30 ~ +70
UIYCDI12075A118T137NFP200	118 ~ 137	1.0	45	1.2	200	100	N-F	-30 ~ +70
UIYCDI12075A130T180SF	130 ~ 180	1.2	40	1.25	100	100	SMA-F	-30 ~ +70
UIYCDI12075A136T174SF	136 ~ 174	1.0	44	1.2	100	100	SMA-F	-30 ~ +70
UIYCDI12075A136T174NFP200	136 ~ 174	1.0	44	1.2	200	100	N-F	-30 ~ +70
UIYCDI12075A148T174NFP150	148 ~ 174	1.0	50	1.15	150	100	N-F	-30 ~ +70
UIYCDI12075A150T200NF	150 ~ 200	1.2	40	1.25	100	100	N-F	-30 ~ +70
UIYCDI12075A150T225SF	150 ~ 225	1.8	36	1.3	100	100	SMA-F	-30 ~ +70
UIYCDI12075A170T200NF	170 ~ 200	1.0	40	1.25	100	100	N-F	-30 ~ +70
UIYCDI12075A170T200NFP200	170 ~ 200	1.0	40	1.25	200	100	N-F	-30 ~ +70
UIYCDI12075A180T220SMTSF	180 ~ 220	1.0	40	1.25	100	100	SMA-M to SMA-F	-30 ~ +70
UIYCDI12075A200T270NF	200 ~ 270	1.4	40	1.25	100	100	N-F	-30 ~ +70

Mechanical Drawing



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

Ver. 5.1