

360 to 3500MHz – Drop in Isolator

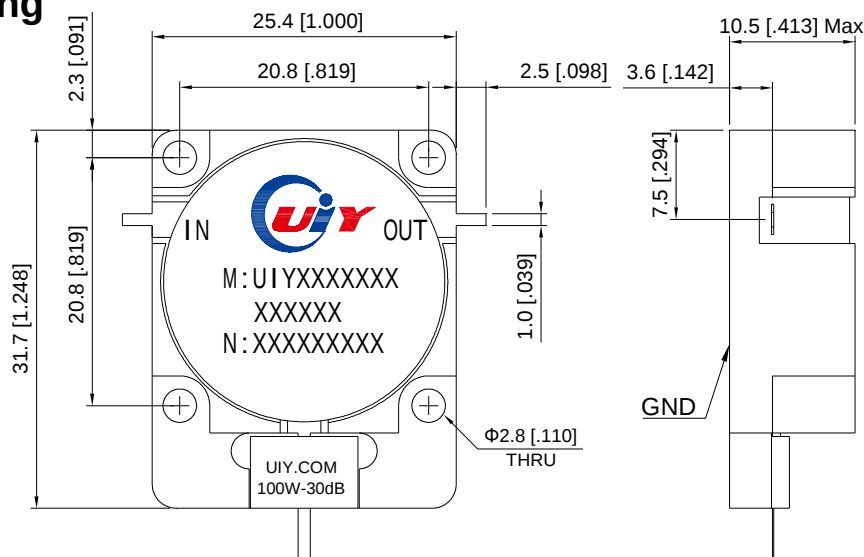
Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ 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.(°C)
UIYDI2531A360T370	360 ~ 370	0.65	20	1.25	100	100	TAB	-20 ~ +65
UIYDI2531A380T400	380 ~ 400	0.65	20	1.25	100	100	TAB	-20 ~ +65
UIYDI2531A410T420	410 ~ 420	0.5	20	1.25	200	100	TAB	-20 ~ +65
UIYDI2531A430T440	430 ~ 440	0.5	20	1.25	200	100	TAB	-20 ~ +65
UIYDI2531A490T510	490 ~ 510	0.5	20	1.25	200	100	TAB	-20 ~ +65
UIYDI2531A600T640A10	600 ~ 640	0.4	20	1.25	200	100W-10dB	TAB	-20 ~ +65
UIYDI2531A700T750	700 ~ 750	0.3	23	1.2	200	100	TAB	-30 ~ +70
UIYDI2531A700T800A20	700 ~ 800	0.4	20	1.25	200	100W-20dB	TAB	-30 ~ +70
UIYDI2531A800T1000	800 ~ 1000	0.6	18	1.3	200	100	TAB	-30 ~ +70
UIYDI2531A860T960	860 ~ 960	0.35	20	1.25	200	100	TAB	-30 ~ +70
UIYDI2531A869T894A10	869 ~ 894	0.3	23	1.2	200	100W-10dB	TAB	-30 ~ +70
UIYDI2531A925T960	925 ~ 960	0.3	23	1.2	200	100	TAB	-30 ~ +70
UIYDI2531A960T1230	960 ~ 1230	0.5	18	1.3	200	100	TAB	-30 ~ +70
UIYDI2531A1200T1300	1200 ~ 1300	0.35	21	1.2	200	100	TAB	-40 ~ +85
UIYDI2531A1400T1600	1400 ~ 1600	0.35	21	1.25	200	100	TAB	-30 ~ +70
UIYDI2531A1500T1700	1500 ~ 1700	0.35	21	1.25	200	100	TAB	-30 ~ +70
UIYDI2531A1700T1900	1700 ~ 1900	0.35	21	1.25	200	100	TAB	-30 ~ +70
UIYDI2531A1710T2170	1710 ~ 2170	0.5	18	1.3	200	100	TAB	-30 ~ +70
UIYDI2531A1805T1880	1805 ~ 1880	0.3	23	1.2	200	100	TAB	-30 ~ +70
UIYDI2531A1800T2200	1800 ~ 2200	0.5	18	1.3	200	100	TAB	-30 ~ +70
UIYDI2531A1900T2200	1900 ~ 2200	0.35	21	1.25	200	100	TAB	-30 ~ +70
UIYDI2531A1920T1990	1920 ~ 1990	0.3	23	1.2	200	100	TAB	-30 ~ +70
UIYDI2531A2000T2500A30	2000 ~ 2500	0.5	20	1.25	200	100W-30dB	TAB	-30 ~ +70
UIYDI2531A2300T2500	2300 ~ 2500	0.3	23	1.2	200	100	TAB	-40 ~ +85
UIYDI2531A2300T2700	2300 ~ 2700	0.4	20	1.25	200	100	TAB	-30 ~ +70
UIYDI2531A2400T2600	2400 ~ 2600	0.3	23	1.2	200	100	TAB	-30 ~ +70
UIYDI2531A2500T2700	2500 ~ 2700	0.3	23	1.2	200	100	TAB	-40 ~ +85
UIYDI2531A2700T3100	2700 ~ 3100	0.4	20	1.25	200	100	TAB	-40 ~ +85
UIYDI2531A3150T3250	3150 ~ 3250	0.3	23	1.2	200	100	TAB	-40 ~ +85

Mechanical Drawing



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

Ver. 5