

8 to 12.4GHz – Waveguide Isolator

Design Features

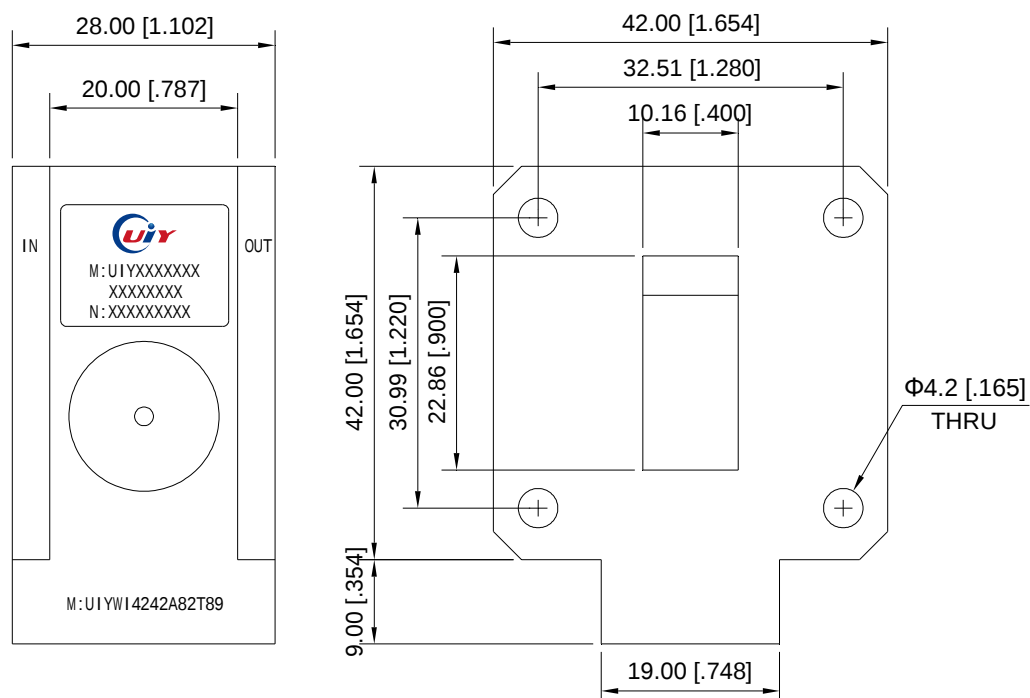
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

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)
UIYWI4242A82T89	8.2 ~ 8.9	0.3	20	1.2	100	30	WR90(BJ100)	-40 ~ +85
UIYWI4242A85T95	8.5 ~ 9.5	0.35	20	1.2	100	30	WR90(BJ100)	-40 ~ +85
UIYWI4242A85T11	8.5 ~ 11.0	0.5	18	1.3	100	30	WR90(BJ100)	-40 ~ +85
UIYWI4242A9T95	9.0 ~ 9.5	0.3	21	1.2	100	30	WR90(BJ100)	-40 ~ +85
UIYWI4242A92T98	9.2 ~ 9.8	0.3	21	1.2	100	30	WR90(BJ100)	-40 ~ +85
UIYWI4242A98T102	9.8 ~ 10.2	0.25	23	1.2	100	30	WR90(BJ100)	-40 ~ +85
UIYWI4242A10T124	10.0 ~ 12.4	0.35	20	1.25	100	30	WR90(BJ100)	-40 ~ +85

² Listed are specific frequency ranges and tailor-made ranges are available.
² Please provide the information below when inquiring and mark * is required.
 * 1. The specific frequency ranges
 * 2. Power handling (Forward, Reverse, Peak, etc.)
 * 3. Other special requests (Such as Insertion Loss, Isolation, VSWR, Temperature, Dimension etc.)

Mechanical Drawing



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

Ver. 5.1