

8.2 to 12.4GHz – Waveguide Isolator

Design Features

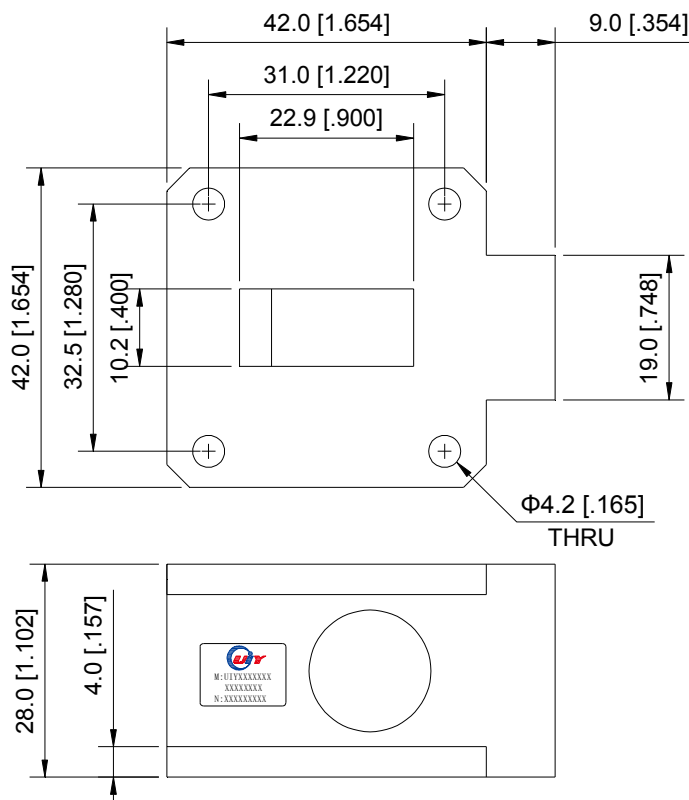
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

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	-40 ~ +85
UIYWI4242A85T95	8.5 ~ 9.5	0.35	20	1.2	100	30	WR90	-40 ~ +85
UIYWI4242A92T98	9.2 ~ 9.8	0.3	23	1.15	100	30	WR90	-40 ~ +85
UIYWI4242A98T102	9.8 ~ 10.2	0.25	25	1.12	100	30	WR90	-40 ~ +85
UIYWI4242A10T12.4	10.0 ~ 12.4	0.35	20	1.25	100	30	WR90	-40 ~ +85

- ² Listed are specific frequency ranges and other ranges are available.
- ² Please provide the below information when inquiring and mark * is required.
- * 1. The specific frequency range
 - * 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 ± 0.2 mm unless otherwise stated.