

250 to 1300MHz – Drop in Isolator

Design Features

- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Support one year standard warranty.

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) |
|--------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDI4249A250T260 | 250 ~ 260 | 0.6 | 20 | 1.25 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A289T359 | 289 ~ 359 | 0.5 | 20 | 1.25 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A300T400 | 300 ~ 400 | 0.6 | 17 | 1.3 | 100 | 150 | TAB | -20 ~ +60 |
| UIYDI4249A350T450 | 350 ~ 450 | 0.5 | 20 | 1.25 | 100 | 150 | TAB | -20 ~ +60 |
| UIYDI4249A350T400 | 350 ~ 400 | 0.35 | 23 | 1.2 | 100 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A350T500 | 350 ~ 500 | 0.6 | 16 | 1.4 | 100 | 150 | TAB | -20 ~ +60 |
| UIYDI4249A380T460 | 380 ~ 460 | 0.4 | 23 | 1.2 | 100 | 150 | TAB | -20 ~ +60 |
| UIYDI4249A380T500 | 380 ~ 500 | 0.5 | 20 | 1.25 | 100 | 150 | TAB | -20 ~ +60 |
| UIYDI4249A400T500 | 400 ~ 500 | 0.4 | 20 | 1.25 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A400T512 | 400 ~ 512 | 0.5 | 20 | 1.25 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A400T430 | 400 ~ 430 | 0.25 | 25 | 1.15 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A440T470 | 440 ~ 470 | 0.25 | 25 | 1.15 | 300 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A500T700 | 500 ~ 700 | 0.5 | 17 | 1.35 | 100 | 150 | TAB | -30 ~ +70 |
| UIYDI4249A700T1000 | 700 ~ 1000 | 0.6 | 18 | 1.3 | 100 | 150 | TAB | -30 ~ +70 |

² Listed are specific frequency ranges and tailor-made ranges are available.

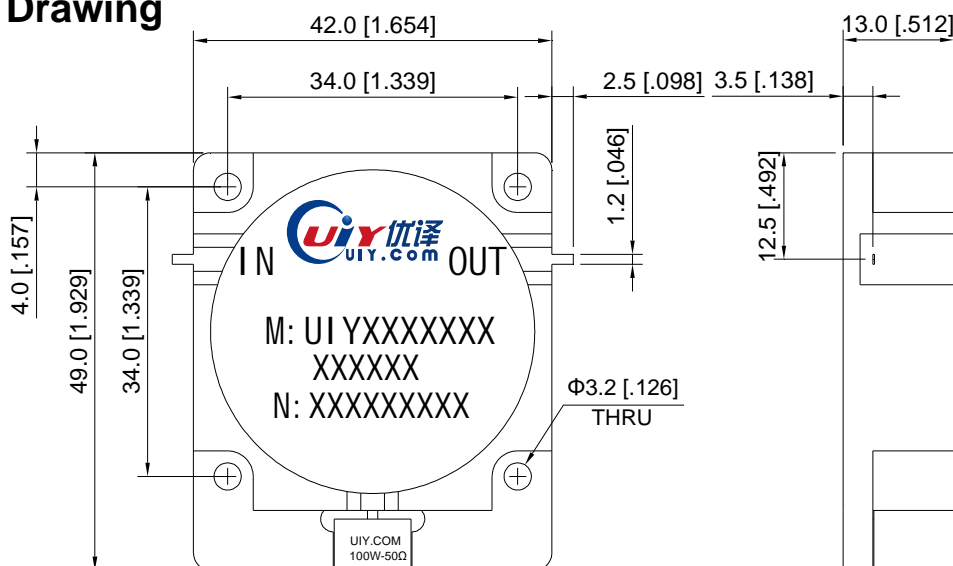
² Please provide the information below when inquiring and mark * is required.

* 1. The specific frequency ranges

* 2. Power handling (Forward, Reverse, Peak, etc.)

3. Other special requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension etc.)

Mechanical Drawing



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

Ver. 5.1

250 to 1300MHz – Drop in Isolator

Design Features

- ◆ Can be Dual Junction or Multi-Junction for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Support one year standard warranty.

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) |
|-----------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDI4249A250T260A30 | 250 ~ 260 | 0.6 | 20 | 1.25 | 300 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A289T359A30 | 289 ~ 359 | 0.5 | 20 | 1.25 | 300 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A300T400A30 | 300 ~ 400 | 0.6 | 17 | 1.3 | 100 | 100-30dB | TAB | -20 ~ +60 |
| UIYDI4249A350T450A30 | 350 ~ 450 | 0.5 | 20 | 1.25 | 100 | 100-30dB | TAB | -20 ~ +60 |
| UIYDI4249A350T400A30 | 350 ~ 400 | 0.35 | 23 | 1.2 | 100 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A350T500A30 | 350 ~ 500 | 0.6 | 16 | 1.4 | 100 | 100-30dB | TAB | -20 ~ +60 |
| UIYDI4249A380T460A30 | 380 ~ 460 | 0.4 | 23 | 1.2 | 100 | 100-30dB | TAB | -20 ~ +60 |
| UIYDI4249A380T500A30 | 380 ~ 500 | 0.5 | 20 | 1.25 | 100 | 100-30dB | TAB | -20 ~ +60 |
| UIYDI4249A400T500A30 | 400 ~ 500 | 0.4 | 20 | 1.25 | 300 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A400T512A30 | 400 ~ 512 | 0.5 | 20 | 1.25 | 300 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A400T430A30 | 400 ~ 430 | 0.25 | 25 | 1.15 | 300 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A440T470A20 | 440 ~ 470 | 0.25 | 25 | 1.15 | 300 | 100-20dB | TAB | -30 ~ +70 |
| UIYDI4249A500T700A30 | 500 ~ 700 | 0.5 | 17 | 1.35 | 100 | 100-30dB | TAB | -30 ~ +70 |
| UIYDI4249A700T1000A30 | 700 ~ 1000 | 0.6 | 18 | 1.3 | 100 | 100-30dB | TAB | -30 ~ +70 |

² Listed are specific frequency ranges and tailor-made ranges are available.

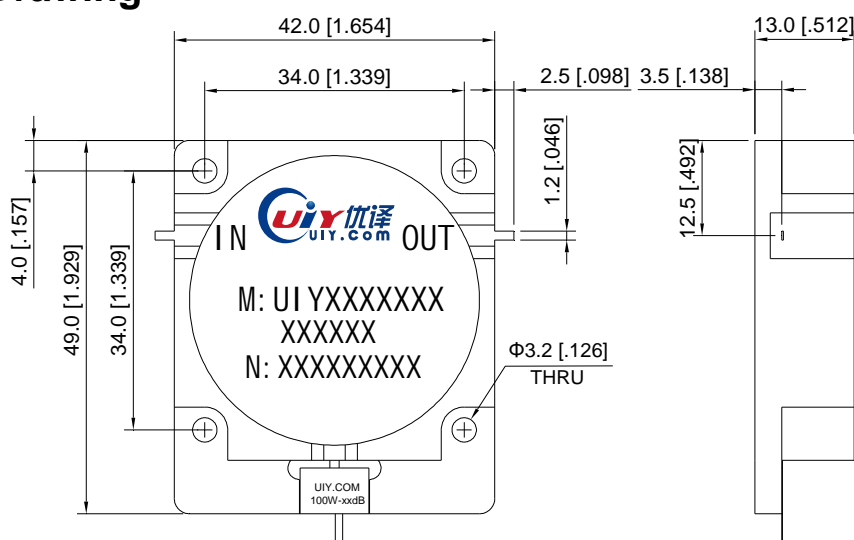
² Please provide the information below when inquiring and mark * is required.

* 1. The specific frequency ranges

* 2. Power handling (Forward, Reverse, Peak, etc.)

3. Other special requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension etc.)

Mechanical Drawing



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

Ver. 5.1