# 1.0 to 3.8GHz – Coaxial Circulator

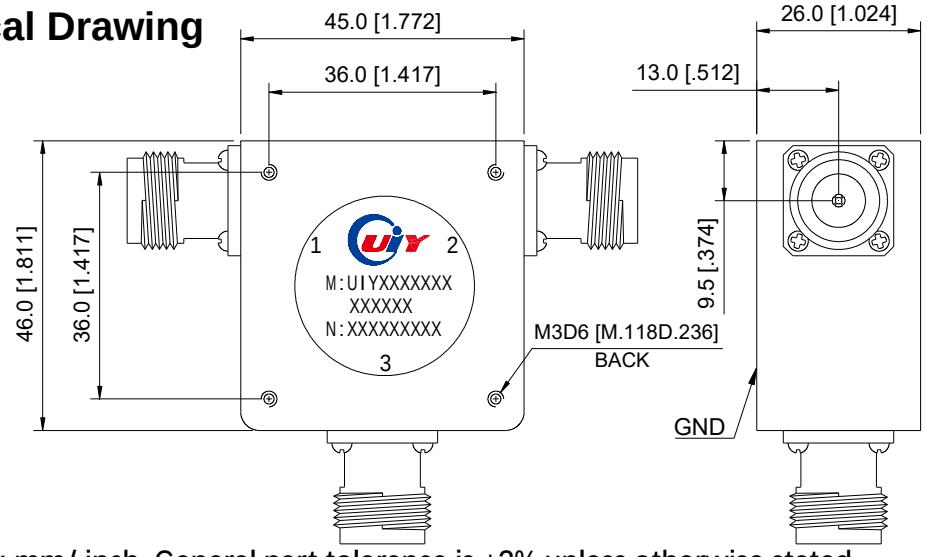
## Design Features

- Can be dual junction or multiple 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.(℃) |
|---|---|---|---|---|---|---|---|---|
| UIYCC4546A1000T1050NF | 1000 ~ 1050 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1070T1210NF | 1070 ~ 1210 | 0.4 | 20 | 1.25 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1350T1550NF | 1350 ~ 1550 | 0.4 | 20 | 1.25 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1500T1700NF | 1500 ~ 1700 | 0.4 | 20 | 1.25 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1710T1785NF | 1710 ~ 1785 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1700T1900NFTNMTNF | 1700 ~ 1900 | 0.4 | 23 | 1.25 | 600 | 600 | N-F to N-M to N-F | -40 ~ +85 |
| UIYCC4546A1700T2100NF | 1700 ~ 2100 | 0.4 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1805T2170NF | 1805 ~ 2170 | 0.4 | 20 | 1.25 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1805T1880NF | 1805 ~ 1880 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A1900T2200NFTNMTNF | 1900 ~ 2200 | 0.4 | 23 | 1.25 | 600 | 600 | N-F to N-M to N-F | -40 ~ +85 |
| UIYCC4546A1920T1990NF | 1920 ~ 1990 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2000T2300NF | 2000 ~ 2300 | 0.4 | 20 | 1.25 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2000T2500NF | 2000 ~ 2500 | 0.5 | 18 | 1.3 | 500 | 500 | N-F | -20 ~ +80 |
| UIYCC4546A2110T2170NF | 2110 ~ 2170 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2300T2500NF | 2300 ~ 2500 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2350T2550NF | 2350 ~ 2550 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2400T2600NF | 2400 ~ 2600 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2500T2700NF | 2500 ~ 2700 | 0.3 | 23 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2700T3000NF | 2700 ~ 3000 | 0.4 | 20 | 1.2 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2700T3100NF | 2700 ~ 3100 | 0.5 | 18 | 1.3 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A2900T3600NF | 2900 ~ 3600 | 0.5 | 18 | 1.3 | 600 | 600 | N-F | -40 ~ +85 |
| UIYCC4546A3100T3500NF | 3100 ~ 3500 | 0.3 | 20 | 1.25 | 400 | 400 | N-F | -40 ~ +85 |
| UIYCC4546A3400T3800NF | 3400 ~ 3800 | 0. 4 | 20 | 1.25 | 400 | 400 | N-F | -40 ~ +85 |

## Mechanical Drawing




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

Ver. 5.1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