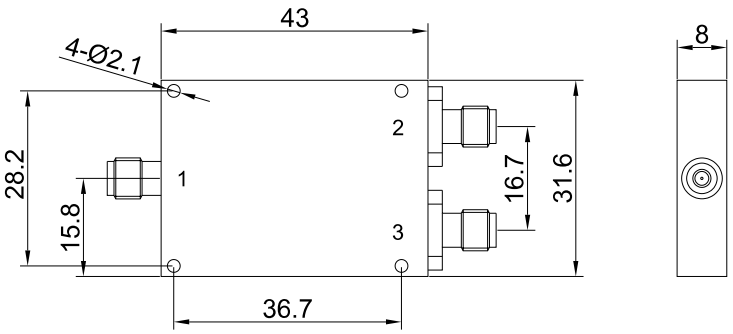
Flexi RF
*Reliable RF Components In Stock*

# Datasheet

## 2.92mm Female Ultra-Wideband Balun | 300kHz - 36GHz | 180° Nominal Phase Difference

P/N: GBAL-300K36G-292F




Dimensions are in mm




## Product Configuration

| | |
|---|---|
| Connector-In Series | 2.92mm |
| Connector-In Polarity | Standard |
| Connector-In Gender | Female |
| Connector-In Impedance (Ohm) | 50 |
| Connector-Out Series | 2.92mm |
| Connector-Out Polarity | Standard |
| Connector-Out Gender | Female |
| Connector-Out Impedance (Ohm) | 50 |

## Electrical Specifications

| | |
|---|---|
| Frequency | 300k - 36GHz |
| Insertion Loss | 9dB (Typ) |
| Power, Max Input (Watts) | 27 |
| Amplitude Balance (dB) | ±1.0 |
| Phase Balance (°) | ±3 |
| Isolation Min.(dB) | 12 |

## Mechanical Data

| | |
|---|---|
| Min. Mating Cycles | ≥500 |


**Flexi RF Inc**

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# 2.92mm Female Ultra-Wideband Balun | 300kHz - 36GHz | 180° Nominal Phase Difference

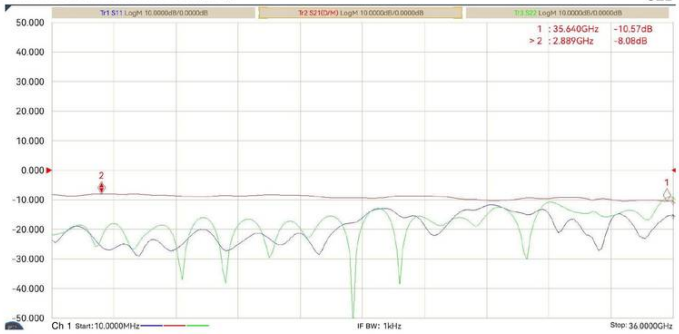
P/N: GBAL-300K36G-292F

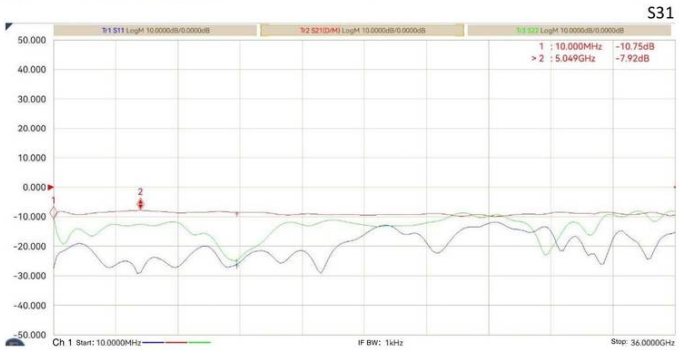
## Enviromental Specifications

| | |
|---|---|
| RoHS Compliant | Yes |
| Operating Temperature Range | -25°C to +55°C |

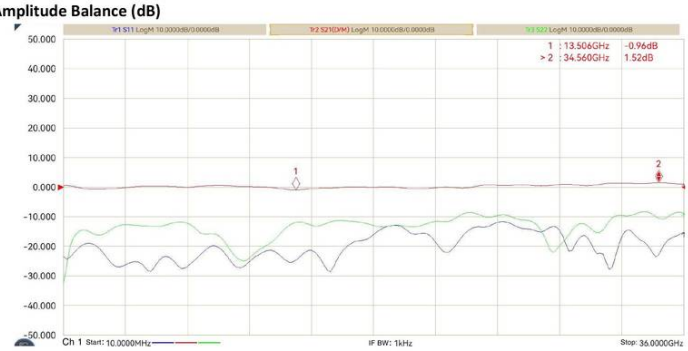
## Test Data

Insertion Loss and Return Loss (dB)




Amplitude Balance (dB)




Isolation (dB)

