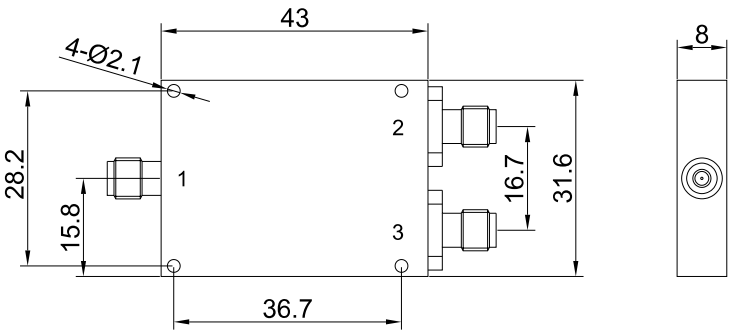
Datasheet

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

Gwave Technology Inc

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87 Patricia Ct, Mountain View, CA 94041

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www.gwavetech.com

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

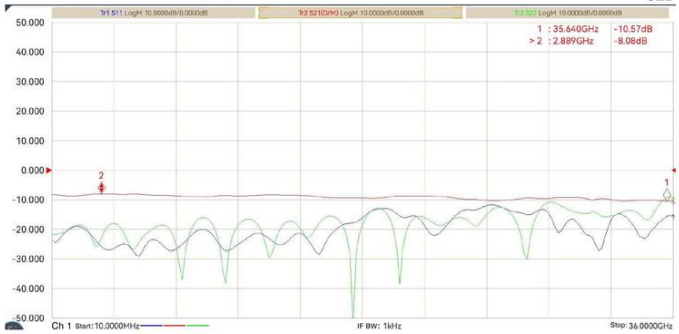
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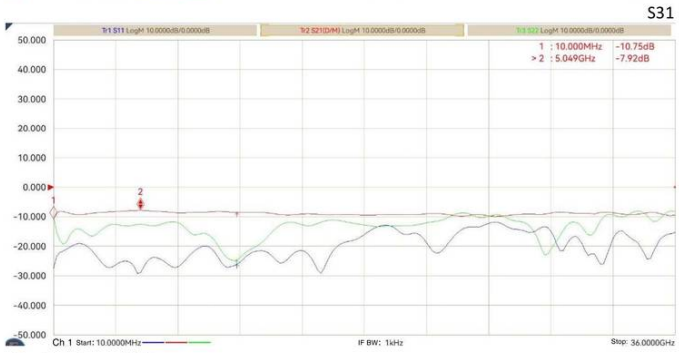
Enviromental Specifications

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

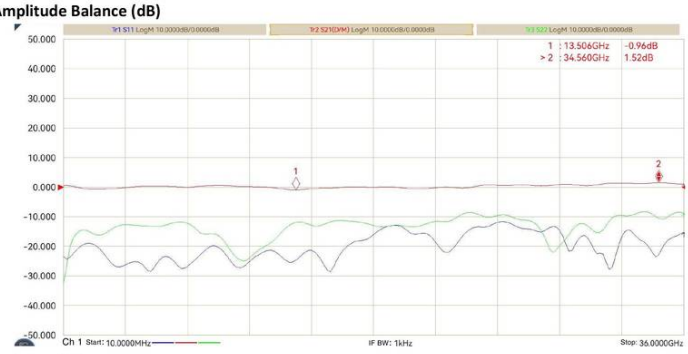
Test Data

Insertion Loss and Return Loss (dB)





Amplitude Balance (dB)



Isolation (dB)

