2.92mm Female (Jack) to Female (Jack) Radius Right Angle Adapter, VSWR 1.3 Max. at 40GHz

FMAD91792

Configuration

- 2.92mm Jack Connector 1
- 2.92mm Jack Connector 2
- 50 Ohms Impedance
- Radius Right Angle Body Geometry

Features

- VSWR of 1.3:1 max up to 40 GHz
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test

Description

The type 2.92mm radius right angle adapter FMAD91792 from Fairview Microwave is part of a very large in-stock collection of RF interconnect components. Our type 2.92mm to type 2.92mm RF adapter comes with a 50 Ohm impedance. This adapter is manufactured to precise RF component specifications and has a maximum VSWR of 1.3:1. Our RF adapter has a dielectric withstanding voltage of 750 Vrms.

This type 2.92mm to type 2.92mm adapter is constructed with the jack gender on side 1 and the jack gender on side 2. The type 2.92mm jack to type 2.92mm jack coaxial adapter from Fairview Microwave has a radius right angle body style. This radius right angle type 2.92mm adapter is a 90 degree swept elbow adapter. Our RF adapter can be utilized to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. The FMAD91792 adapter has a length of 0.69 inches, a width of 0.25 inches, and a weight of 0.008 lbs.

Our in-series radius right angle RF adapter operates at a maximum frequency of 40 GHz. This type 2.92mm jack to type 2.92mm jack radio frequency adapter has a passivated stainless steel connector body. The Fairview Microwave FMAD91792 coaxial RF adapter operates at temperatures ranging from -65 to 165 degrees C. Additional dimensions and specifications for this adapter are on our downloadable PDF datasheet above.

Fairview Microwave's type 2.92mm jack to type 2.92mm jack radius right angle adapter is part of over one million RF microwave and millimeter wave components in stock for worldwide shipment. We also stock and custom-build type 2.92mm coaxial cables that ship quickly from our facility for all your RF adapter component needs. Make your online purchase right now to take advantage of our same-business-day shipping. For further information on similar products, our expert technical support and trained sales team can get you the ideal 40 GHz radio frequency adapter as per your requirements.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			0.38	dB
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms

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Mechanical Specifications

Size

Length	0.70 in [17.73 mm]
Width	0.25 in [6.35 mm]
Height	0.70 in [17.73 mm]
Weight	0.01 lbs [3.95 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Mating Cycles, Min	500	500
Mating Torque	7 to 9 in-lbs 0.79 to 1.02 Nm	7 to 9 in-lbs 0.79 to 1.02 Nm
Contact Captivation Axial Force, Min	4.5 lbs [2.04 kg]	4.5 lbs [2.04 kg]

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	2.92mm Jack		2.92mm Jack	
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PEEK		PEEK	
Body	Passivated Stainless Steel		Beryllium Copper	
Washer	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range	-65 to +165 ºC

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Compliance Certifications (see product page for current document)

Plotted and Other Data

2.92mm Female (Jack) to Female (Jack) Radius Right Angle Adapter, VSWR 1.3 Max. at 40GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: 2.92mm Female (Jack) to Female (Jack) Radius Right Angle Adapter, VSWR 1.3 Max. at 40GHz FMAD91792

URL: https://www.fairviewmicrowave.com/radius-ra-2.92mm-jack-to-2.92mm-jack-adapter-with-passivated-stainless-steel-body-fmad91792-p.aspx

FMAD91792 CAD Drawing

2.92mm Female (Jack) to Female (Jack) Radius Right Angle Adapter, VSWR 1.3 Max. at 40GHz