

FAKRA Jack (Female) Connector for RG174, RG316, RG188, .100 inch, FM-B100, FM-C100, LMR-100, Crimp/Solder, Water Blue Color



FMCN1346Z

Configuration

- FAKRA Jack Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG174, RG316, RG188, .100 inch, FM-B100, FM-C100, LMR-100

Features

- Operating Frequency of 4 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Phosphor Bronze Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

FAKRA Jack Standard Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, FM-B100, FM-C100 and LMR-100 Cable, part number FMCN1346Z, from Fairview Microwave is in-stock and ships same day. This FAKRA jack connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Fairview's FAKRA jack connector FMCN1346Z datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	1,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.038 in [0.97 mm]
Width	0.37 in [9.40 mm]
Height	0.54 in [13.72 mm]
Weight	0.007 lbs [3.18 g]
Mating Cycles	300 Cycles

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Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Plastic	

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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For additional information on this product, please click the following link: [FAKRA Jack \(Female\) Connector for RG174, RG316, RG188, .100 inch, FM-B100, FM-C100, LMR-100, Crimp/Solder, Water Blue Color FMCN1346Z](#)

URL: <https://www.fairviewmicrowave.com/fakra-jack-standard-rg174-rg316-connector-fmcn1346z-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

FMCN1346Z CAD Drawing

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