

RF PCB Connector, FAKRA Plug Connector Solder Attachment Thru Hole PCB, Water Blue Color

FAKRA plug connector with solder attachment for thru hole PCB, water blue color, part number FMCN44242, from Fairview Microwave is in-stock and ships same day. This FAKRA plug connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Fairview's FAKRA plug connector FMCN44242 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	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms
DWV (AC)			1,000	Vrms
Inner Cond. DC Resistance			6	mOhms
Outer Cond. DC Resistance			2.5	mOhms
Insulation Resistance	1,000			MOhms

Mechanical Specifications

Size	
Length	0.878 in [22.3 mm]
Width/Dia.	0.37 in [9.40 mm]
Height	0.37 in [9.4 mm]
Weight	0.005 lbs [2.27 g]

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:



Configuration:

- FAKRA Plug Connector
- 50 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

Features:

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

Applications:

- General Purpose Test
- PCB Applications

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RF PCB Connector, FAKRA Plug Connector Solder Attachment Thru Hole PCB, Water Blue Color 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: [RF PCB Connector, FAKRA Plug Connector Solder Attachment Thru Hole PCB, Water Blue Color FMCN44242](#)

URL: <https://www.fairviewmicrowave.com/fakra-plug-thru-hole-pcb-connector-fmcn44242-p.aspx>

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