

## RF PCB Connector, FAKRA Plug Connector Solder Attachment Thru Hole PCB, Curry Color

FAKRA plug connector with solder attachment for thru hole PCB, curry color, part number FMCN44241, 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 FMCN44241 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

|             |                    |
|-------------|--------------------|
| <b>Size</b> |                    |
| Length      | 0.7 in [17.78 mm]  |
| Width/Dia.  | 0.37 in [9.40 mm]  |
| Height      | 0.43 in [10.92 mm] |
| Weight      | 0.006 lbs [2.72 g] |

### Material Specifications

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

### Environmental Specifications

|                    |                  |
|--------------------|------------------|
| <b>Temperature</b> |                  |
| 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

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

RF PCB Connector, FAKRA Plug Connector Solder Attachment Thru Hole PCB, Curry 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, Curry Color FMCN44241](#)

URL: <https://www.fairviewmicrowave.com/fakra-plug-thru-hole-pcb-connector-fmcn44241-p.aspx>

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