

Water Blue FAKRA Jack Code Z to Water Blue FAKRA Jack Code Z Cable RG-188



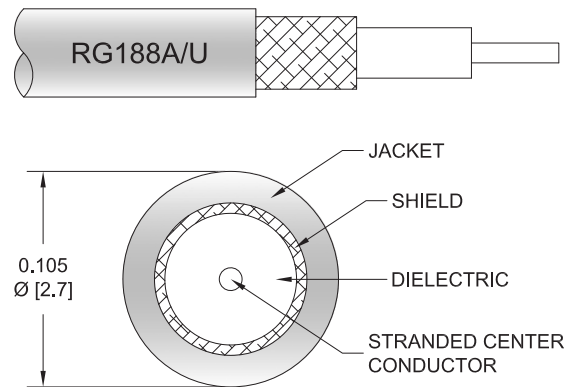
FMCA100076

Configuration

- Connector 1: FAKRA Jack
- Connector 2: FAKRA Jack
- Cable Type: RG-188
- Coax Flex Type: Flexible

Features

- Max Frequency 3 GHz
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

The FAKRA jack to FAKRA jack cable using RG188 coax, part number FMCA100076, from Fairview Microwave is in-stock and ships same day. This Fairview FAKRA to FAKRA cable assembly has a jack to jack gender configuration with 50 ohm flexible RG-188 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA100076 FAKRA jack to FAKRA jack cable assembly operates to 3 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC | | 3 | GHz |
| VSWR | | | 1.4:1 | |

Mechanical Specifications

Cable Assembly

| | |
|----------------|---------------------|
| Width/Diameter | 0.5 in [12.7 mm] |
| Weight | 0.024 lbs [10.89 g] |

Cable

| | |
|--------------------------------------|---------------------------|
| Cable Type | RG-188 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Stranded |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |

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| | |
|-------------------|----------------------------|
| Number of Shields | 1 |
| Shield Layer 1 | Silver Plated Copper Braid |
| Jacket Material | PTFE, White |
| Jacket Diameter | 0.11 in [2.79 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|--------------------------------------|-----------------------|-----------------------|
| Type | FAKRA Jack | FAKRA Jack |
| Impedance | 50 Ohms | 50 Ohms |
| Configuration | Straight | Straight |
| Contact Material and Plating | Phosphor Bronze, Gold | Phosphor Bronze, Gold |
| Dielectric Type | PTFE | PTFE |
| Outer Conductor Material and Plating | Brass, Nickel | Brass, Nickel |
| Body Material and Plating | Plastic | Plastic |

Environmental Specifications

| | |
|-----------------------------|------------------|
| Operating Range Temperature | -40 to +85 deg C |
|-----------------------------|------------------|

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

Plotted and Other Data

Notes:

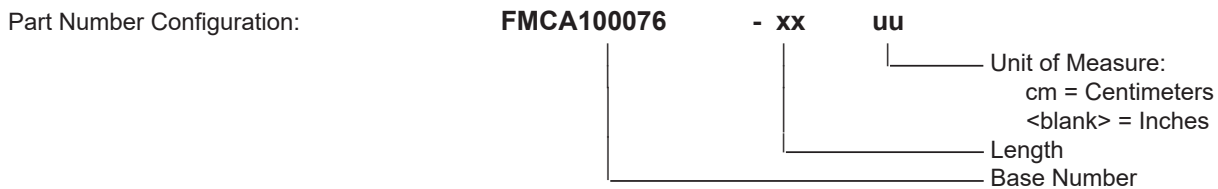
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Typical Performance Data

How to Order



Example: FMCA100076-12 = 12 inches long cable
FMCA100076-100cm = 100 cm long cable

Water Blue FAKRA Jack Code Z to Water Blue FAKRA Jack Code Z Cable RG-188 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: [Water Blue FAKRA Jack Code Z to Water Blue FAKRA Jack Code Z Cable RG-188 FMCA100076](https://www.fairviewmicrowave.com/fakra-jack-to-fakra-jack-cable-rg188-coax-fmca100076-p.aspx)

URL: <https://www.fairviewmicrowave.com/fakra-jack-to-fakra-jack-cable-rg188-coax-fmca100076-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.

FMCA100076 CAD Drawing

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