

75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/ Crimp Attachment for RG59BU Cable



FMCN1117

Configuration

- Push-On 1.0/2.3 Plug Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59BU

Features

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact
- Push/Pull connection design
- Secure locking mechanism
- No torque tools required
- Performance to 3 GHz
- 500 Mating cycles

Applications

- General Purpose Test
- Custom Cable Assemblies
- 3G SDI Video
- 75 Ohm Switching Equipment
- Communication systems

Description

75 Ohm 1.0/2.3 Plug Standard Push-On Connector Crimp/Crimp Attachment for RG59BU Cable, part number FMCN1117, from Fairview Microwave is in-stock and ships same day. This 1.0/2.3 plug connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.15:1. Fairview Microwave's 75 Ohm DIN 1.0/2.3 connectors have a secure quick-locking push/pull design creating a convenient fastened connection. These 75 Ohm 1.0-2.3 DIN connectors operate to 3 GHz, making them an excellent choice for many data communications and video applications, including 3G video. The small size and push/pull connection method allows for a dense connector-to-connector footprint, saving valuable space in panels and other applications requiring a high number of interconnects. These durable RF connectors also have a mating life of up to 500 connections. This popular series is available in PCB mount designs, bulkhead designs and cable designs and are all available for same day shipment.

Fairview's 75 ohm 1.0/2.3 plug connector FMCN1117 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		3	GHz
VSWR			1.15:1	
Impedance		75		Ohms

Mechanical Specifications

Size

Length	1.33 in [33.78 mm]
Width	0.307 in [7.8 mm]
Weight	0.019 lbs [8.62 g]

75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/ Crimp Attachment for RG59BU Cable



FMCN1117

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature Operating Range	-65 to +165 deg C
--------------------------------	-------------------

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

Plotted and Other Data

Notes:

75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for RG59BU Cable 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: [75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for RG59BU Cable FMCN1117](#)

URL: <https://www.fairviewmicrowave.com/1.0-2.3-plug-push-on-rg59bu-connector-fmcn1117-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.

FMCN1117 CAD Drawing
75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for RG59BU Cable

