

RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5248

Configuration

- SMA Plug Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG174, RG316, RG188, .100 inch, LMR-100
- 5/16 inch Hex

Features

- Operating Frequency of 12.4 MHz Max.
- Reverse Polarity
- Gold Plated Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RP SMA Plug Standard Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch and LMR-100 Cable, part number FMCN5248, from Fairview Microwave is in-stock and ships same day. Our reverse polarity plug configuration uses a plug connector body with an inner contact receptacle. This SMA plug connector operates up to a maximum frequency of 12.4 MHz.

Fairview's RP SMA plug connector FMCN5248 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		12.4	MHz
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.85 in [21.59 mm]
Width	0.313 in [7.95 mm]
Height	0.313 in [7.95 mm]
Weight	0.008 lbs [3.63 g]
Mating Torque	3 to 5 in-lbs [[0.34 to 0.57 Nm]]

RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5248

Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 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: [RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable FMCN5248](#)

URL: <https://www.fairviewmicrowave.com/sma-plug-reverse-polarity-rg174-rg316-rg188-.100-lmr-100-connector-fmcn5248-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.



RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5248

Configuration

- SMA Plug Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG174, RG316, RG188, .100 inch, LMR-100
- 5/16 inch Hex

Features

- Operating Frequency of 12.4 MHz Max.
- Reverse Polarity
- Gold Plated Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RP SMA Plug Standard Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch and LMR-100 Cable, part number FMCN5248, from Fairview Microwave is in-stock and ships same day. Our reverse polarity plug configuration uses a plug connector body with an inner contact receptacle. This SMA plug connector operates up to a maximum frequency of 12.4 MHz.

Fairview's RP SMA plug connector FMCN5248 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		12.4	MHz
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.85 in [21.59 mm]
Width	0.313 in [7.95 mm]
Height	0.313 in [7.95 mm]
Weight	0.008 lbs [3.63 g]
Mating Torque	3 to 5 in-lbs [[0.34 to 0.57 Nm]]

RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable



FMCN5248

Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 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: [RP SMA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 Cable FMCN5248](#)

URL: <https://www.fairviewmicrowave.com/sma-plug-reverse-polarity-rg174-rg316-rg188-.100-lmr-100-connector-fmcn5248-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.

