

## RP TNC Plug (Male) Connector Crimp/Solder Attachment for M17/75-RG214, RG214, RG393 Cable



### FMCN5341

#### Configuration

- TNC Plug Reverse Polarity Connector
- 50 Ohms

- Straight Body Geometry
- Connector Interface Types: M17/75-RG214, RG214, RG393

#### Features

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.2:1

- Reverse Polarity
- Gold over Nickel over Copper Plated Phosphor Bronze Contact

#### Applications

- General Purpose Test

- Custom Cable Assemblies

#### Description

RP TNC Plug Connector Crimp/Solder Attachment for M17/75-RG214, RG214 and RG393 Cable, part number FMCN5341, 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 TNC plug connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.2:1.

Fairview's RP TNC plug connector FMCN5341 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			1.2:1	
Insertion Loss			0.173	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	1.114 in [28.3 mm]
Width	0.591 in [15.01 mm]
Height	1.114 in [28.3 mm]
Weight	0.2 lbs [90.72 g]
Mating Cycles	500 Cycles
Mating Torque	4.1 to 6.1 in-lbs [[0.46 to 0.69 Nm]]

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for M17/75-RG214, RG214, RG393 Cable



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**Material Specifications**

Description	Material	Plating
Contact	Phosphor Bronze	Gold over Nickel over Copper
Insulation	PTFE	
Outer Conductor	Brass	Copper-Tin-Zinc Alloy
Body	Brass	Copper-Tin-Zinc Alloy
Retaining Ring	Phosphor Bronze	Copper-Tin-Zinc Alloy
Gasket	Silicone	
Crimp Sleeve	Copper	Copper-Tin-Zinc Alloy

**Environmental Specifications**

**Temperature**

Operating Range

Humidity

Thermal Shock

Salt Spray

-65 to +165 deg C

MIL-STD-202, Method 106

MIL-STD-202, Method 107, Condition B

MIL-STD-202, Method 101, Condition B

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

**Plotted and Other Data**

Notes:

RP TNC Plug (Male) Connector Crimp/Solder Attachment for M17/75-RG214, RG214, RG393 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 TNC Plug \(Male\) Connector Crimp/Solder Attachment for M17/75-RG214, RG214, RG393 Cable FMCN5341](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/tnc-plug-reverse-polarity-rg214-rg9-rg225-rg393-connector-fmcn5341.html>

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