

TNC Female to SMA Male Cable RG-400 Coax

FMC01016

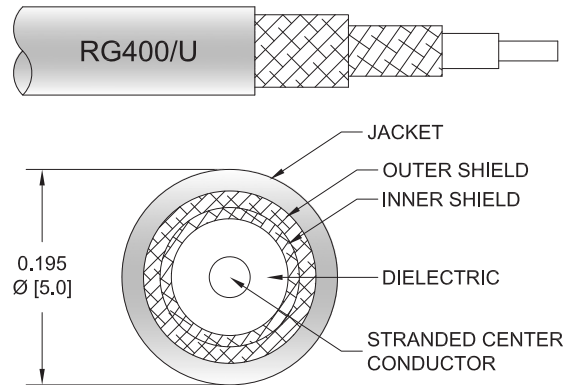


Configuration

- Connector 1: TNC Female
- Connector 2: SMA Male
- Cable Type: RG-400
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

The TNC female to SMA male cable using RG400 coax, part number FMC01016, from Fairview Microwave is in-stock and ships same day. This Fairview TNC to SMA cable assembly has a female to male gender configuration with 50 ohm flexible RG-400 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

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
Velocity of Propagation		70		%
Capacitance		32 [104.99]		pF/ft [pF/m]
Operating Voltage (AC)			1,900	Vrms

Mechanical Specifications

Cable Assembly

Weight 0.089 lbs [40.37 g]

Cable

Cable Type RG-400
Impedance 50 Ohms
Inner Conductor Type Stranded
Inner Conductor Material and Plating Copper, Silver

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Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.195 in [4.95 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Female	SMA Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating		Brass, Gold
Contact Plating Specification		50 µin minimum
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Gold
Body Plating Specification		3 µin minimum
Coupling Nut Material and Plating		Brass, Gold
Coupling Nut Plating Specification		3 µin minimum
Hex Size		5/16 inch
Torque		3 in-lbs 0.34 Nm

Environmental Specifications

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

Plotted and Other Data

Notes:

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FMC01016



Typical Performance Data

How to Order

Part Number Configuration:

FMC01016

- xx

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: FMC01016-12 = 12 inches long cable
FMC01016-100cm = 100 cm long cable

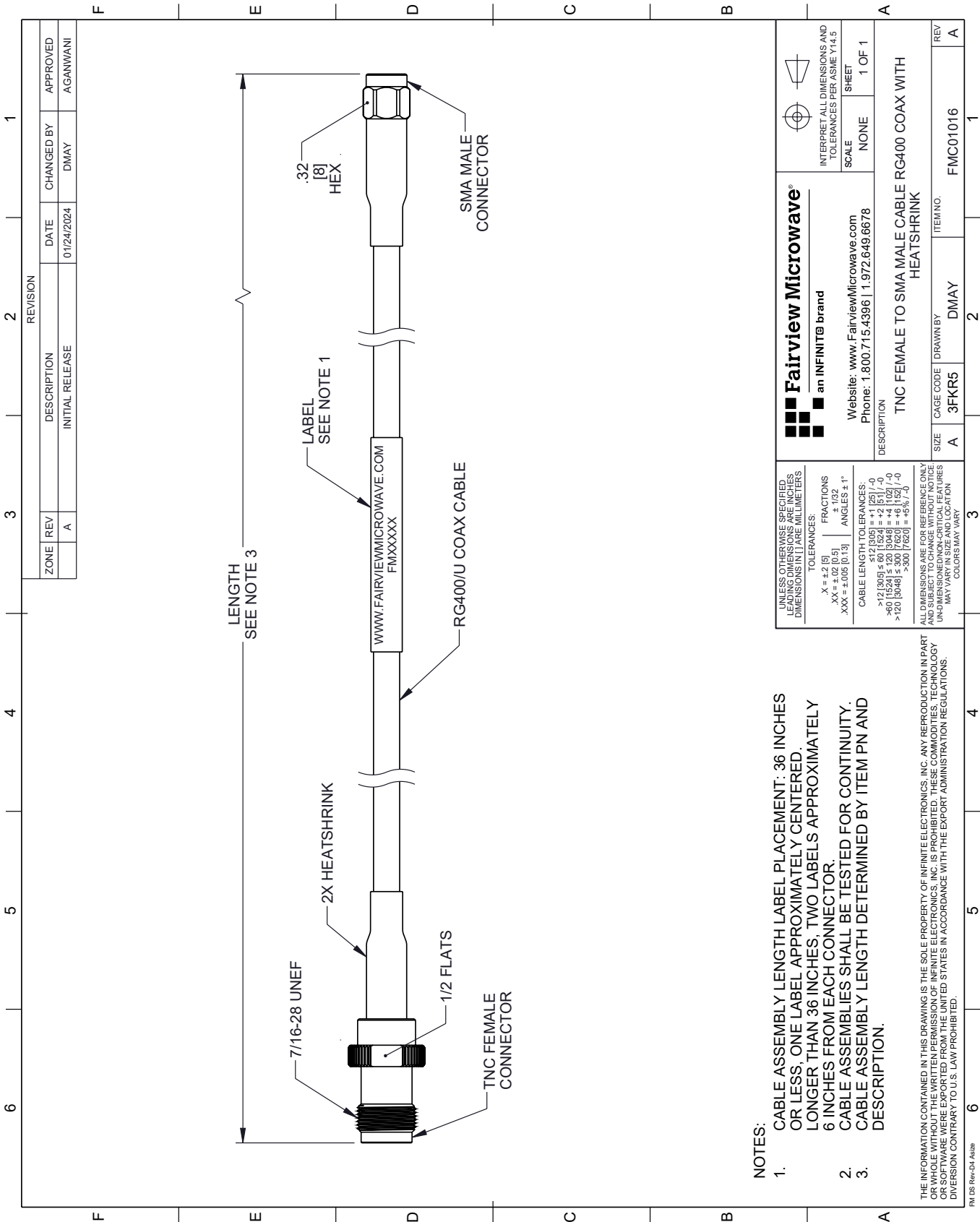
TNC Female to SMA Male Cable RG-400 Coax from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Female to SMA Male Cable RG-400 Coax FMC01016](#)

URL: <https://www.fairviewmicrowave.com/tnc-female-to-sma-male-cable-rg-400-coax-fmc01016-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.

FMC01016 CAD Drawing
TNC Female to SMA Male Cable RG-400 Coax



- NOTES:
1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS; ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES, UNLESS INDICATED OTHERWISE. DIMENSIONS IN [] ARE MILLIMETERS.		TOLERANCES:		FAIRVIEW MICROWAVE®		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
X = ±.2 [5]		FRACTIONS ± 1/32		an INFINITI® brand		SCALE NONE	
.XX = ±.02 [0.5]		ANGLES ± 1°		Website: www.FairviewMicrowave.com		SHEET 1 OF 1	
.XXX = ±.005 [0.13]		CABLE LENGTH TOLERANCES:		Phone: 1.800.715.4396 1.972.649.6678			
		>12 [305] ≤ 60 [1524] = ±1 [25] / -0		DESCRIPTION			
		>60 [1524] ≤ 120 [3048] = ±4 [102] / -0		TNC FEMALE TO SMA MALE CABLE RG400 COAX WITH HEATSHRINK			
		>120 [3048] ≤ 300 [7620] = ±5% / 0		ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. UNLESS INDICATED OTHERWISE, DIMENSIONS IN [] ARE MILLIMETERS. COLORS MAY VARY.			
				SIZE A		CAGE CODE 3FKR5	
				DRAWN BY DMAY		ITEM NO. FMC01016	
						REV A	