



RF Cable Assemblies Technical Data Sheet

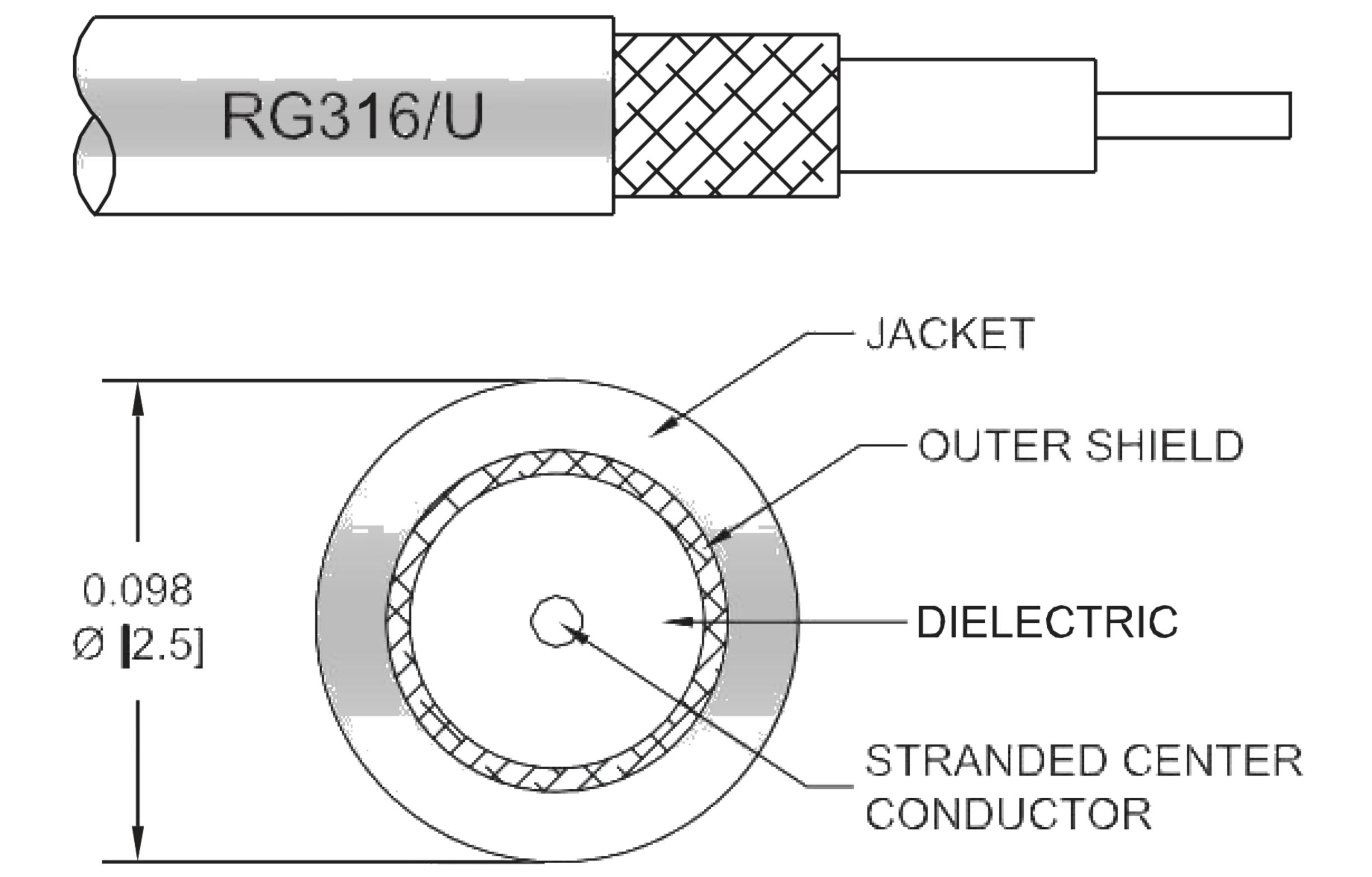
ET27230

Configuration

Connector 1: N Male Right Angle
Connector 2: N Male Right Angle
Cable Type: ET-RG316

Features

- Max Frequency 3 GHz
- FEP Jacket



Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET27230 type N male right angle to type N male right angle 36 inch cable using ET-RG316 coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock type N to type N cable assembly has a male to male gender configuration with 50 ohm flexible ET-RG316 coax. The ET27230 type N male to type N male cable assembly operates to 3 GHz. The right angle type N interfaces on the ET-RG316 cable allow for easier connections in tight spaces.

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 available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Right Angle to N Male Right Angle Cable 36 Inch Length Using ET-RG316 Coax ET27230





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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Capacitance		32 [104.99]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.53	0.68	0.915	1.34	1.94	dB

Mechanical Specifications

Cable Assembly

Weight 0.28 lbs [127.01 g]

Cable

Cable Type
Impedance
Inner Conductor Type

ET-RG316
50 Ohms
Stranded

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type
Number of Shields
1

Shield Layer 1
Silver Plated Copper Braid

Jacket Material FEP, Tan

Jacket Diameter 0.098 in [2.49 mm]

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Connectors

Description	Connector 1	Connector 2		
Type	N Male Right Angle	N Male Right Angle		
Specification	MIL-STD-348A	MIL-STD-348A		
Impedance	50 Ohms	50 Ohms		
Contact Material and Plating	Brass, Gold	Brass, Gold		
Contact Plating Specification	30μ in. minimum	30μ in. minimum		
Dielectric Type	Teflon	Teflon		
Body Material and Plating	Brass, Nickel	Brass, Nickel		
Body Plating Specification	100μ in. minimum	100μ in. minimum		

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Values at 25°C, sea level.

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www.ebeestock.com





Base Number

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How to Order

Part Number Configuration:

ET34236 - xx uu

Unit of Measure:

cm = Centimeters

Chlank> = Inches

Example: ET34236-12 = 12 inches long cable

ET34236-100cm = 100 cm long cable

N Male Right Angle to N Male Right Angle Cable 36 Inch Length Using ET-RG316 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Right Angle to N Male Right Angle Cable 36 Inch Length Using ET-RG316 Coax ET34236- 36

URL: https://www.ebeestock.com/n-male-right-angle-to-n-male-right-angle-cable-12-inch-length-us ing-rg316-coax-0027228

The information contained in 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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

