

N Female 4 Hole Flange to N Male Right Angle Cable 60 Inch L ength Using ET-RG402 Coax



RF Cable Assemblies Technical Data Sheet

ET29617

Configuration

Connector 1: N Female 4 Hole Flange
Connector 2: N Male Right Angle

Cable Type: ET-RG402

Features

Max Frequency 1 GHz

• 69.5% Phase Velocity

Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET29617 type N female 4 hole flange to type N male right angle 60 inch cable using ET-RG402 coax is part of our full line of RF components available for same-day shipping. Ebeestock's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Ebeestock type N to type N cable assembly has a female to male gender configuration with 50 ohm semi-rigid ET-RG402 coax. The ET3W07619- 60 type N female to type N male cable assembly operates to 1 GHz. The right angle type N interface on the ET-RG402 cable allows for easier connections in tight spaces. Our RF cable assembly with type N 4 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.45:1	
Velocity of Propagation		69.5		%

Specifications by Frequency

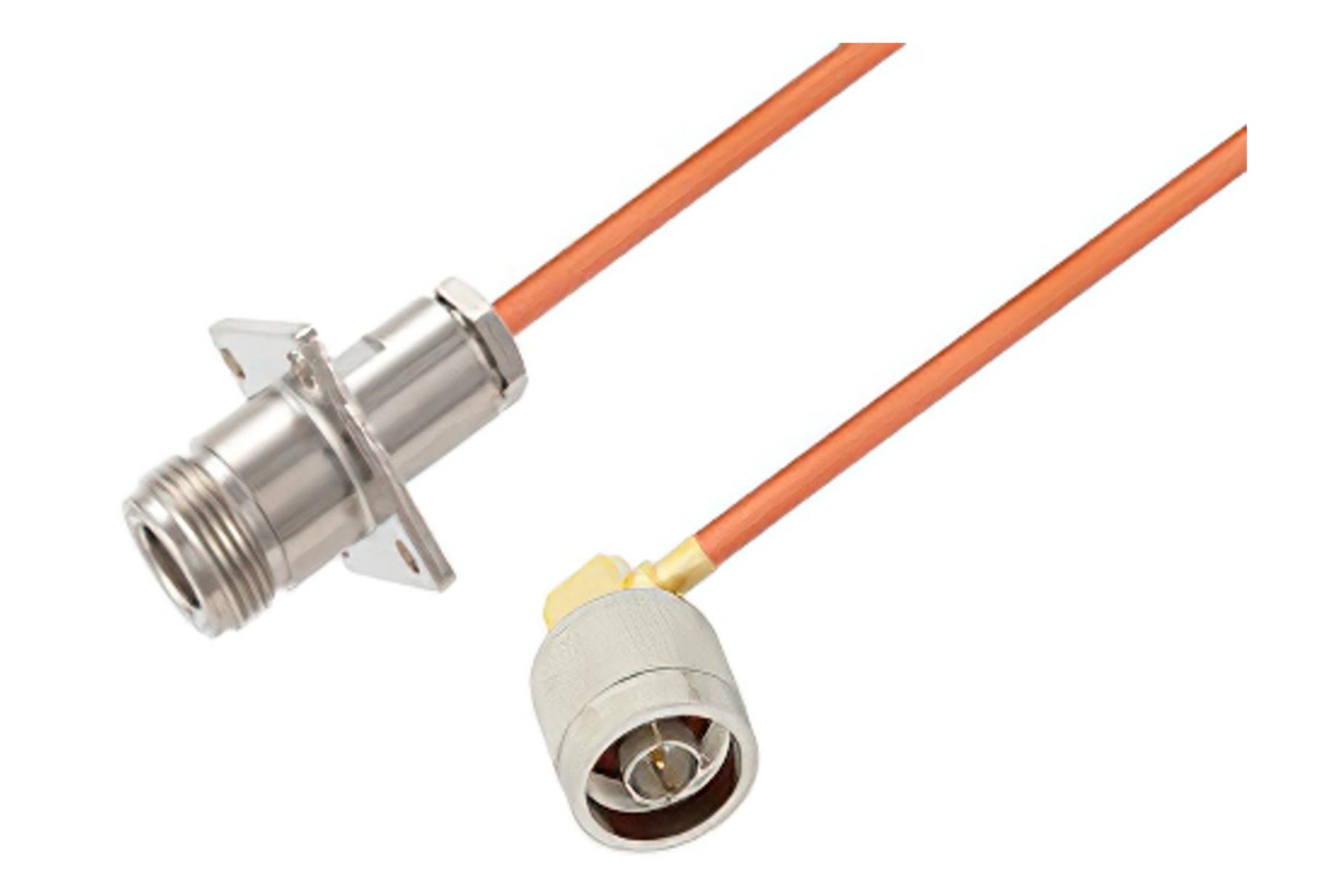
Description	F1	F2	F3	F4	F5	Units
Frequency	500	1,000				MHz
Insertion Loss (Max.)	0.68	0.86				dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female 4 Hole Flange to N Male Right Angle Cable 60 Inch Length Using ET-RG402 Coax ET29617

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax used in this assembly. Insertion Loss is estimated as 0.1 dB for the N Female connector and 0.2 dB for the N Male connector.

Mechanical Specifications

Cable Assembly

Length*
60 in [152.4 cm]
Diameter
1 in [25.4 mm]

Cable

Cable Type
Impedance
Inner Conductor Type

ET-RG402
50 Ohms
Solid

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type
Number of Shields
Outer Conductor Material and Plating
PTFE
1
Copper

Repeated Minimum Bend Radius 0.25 in [6.35 mm]

Connectors

N Female 4 Hole Flange	N Male Right Angle	
MIL-STD-348A	MIL-STD-348	
50 Ohms	50 Ohms	
Brass, Gold	Brass, Gold over Nickel	
30μ in. minimum	MIL-G-45204	
PTFE	PTFE	
Brass, Nickel	Brass, Gold over Nickel	
100μ in. minimum	MIL-G-45204	
Brass, Nickel	Brass, Nickel	
100μ in. minimum	QQ-N-290	
	Brass, Gold 30µ in. minimum PTFE Brass, Nickel 100µ in. minimum Brass, Nickel	

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

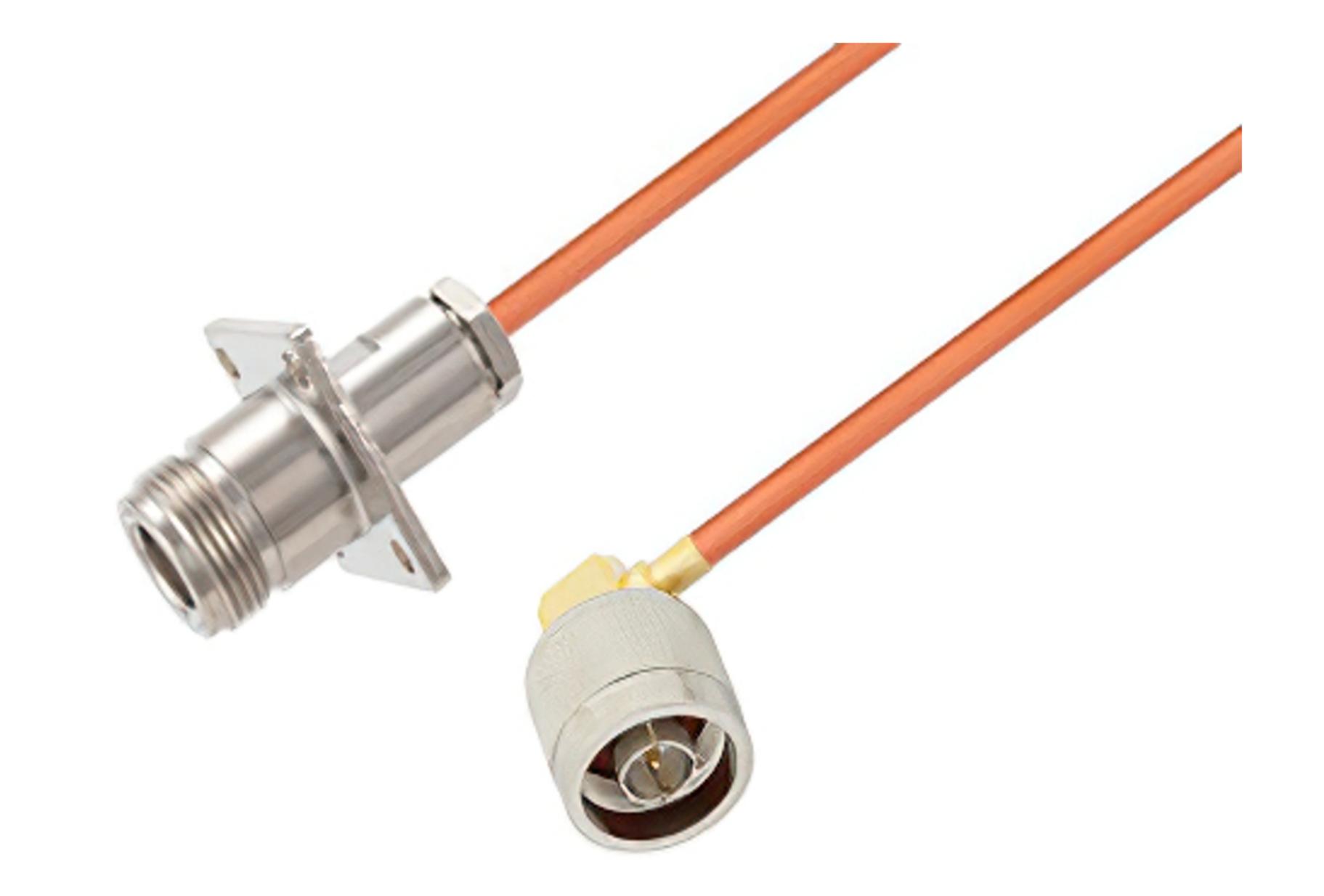
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www.ebeestock.com

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

ET3W07619

- xx

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——Unit of Measure:

cm = Centimeters

Length

Base Number

Example: ET3W07619-12 = 12 inches long cable

ET3W07619-100cm = 100 cm long cable

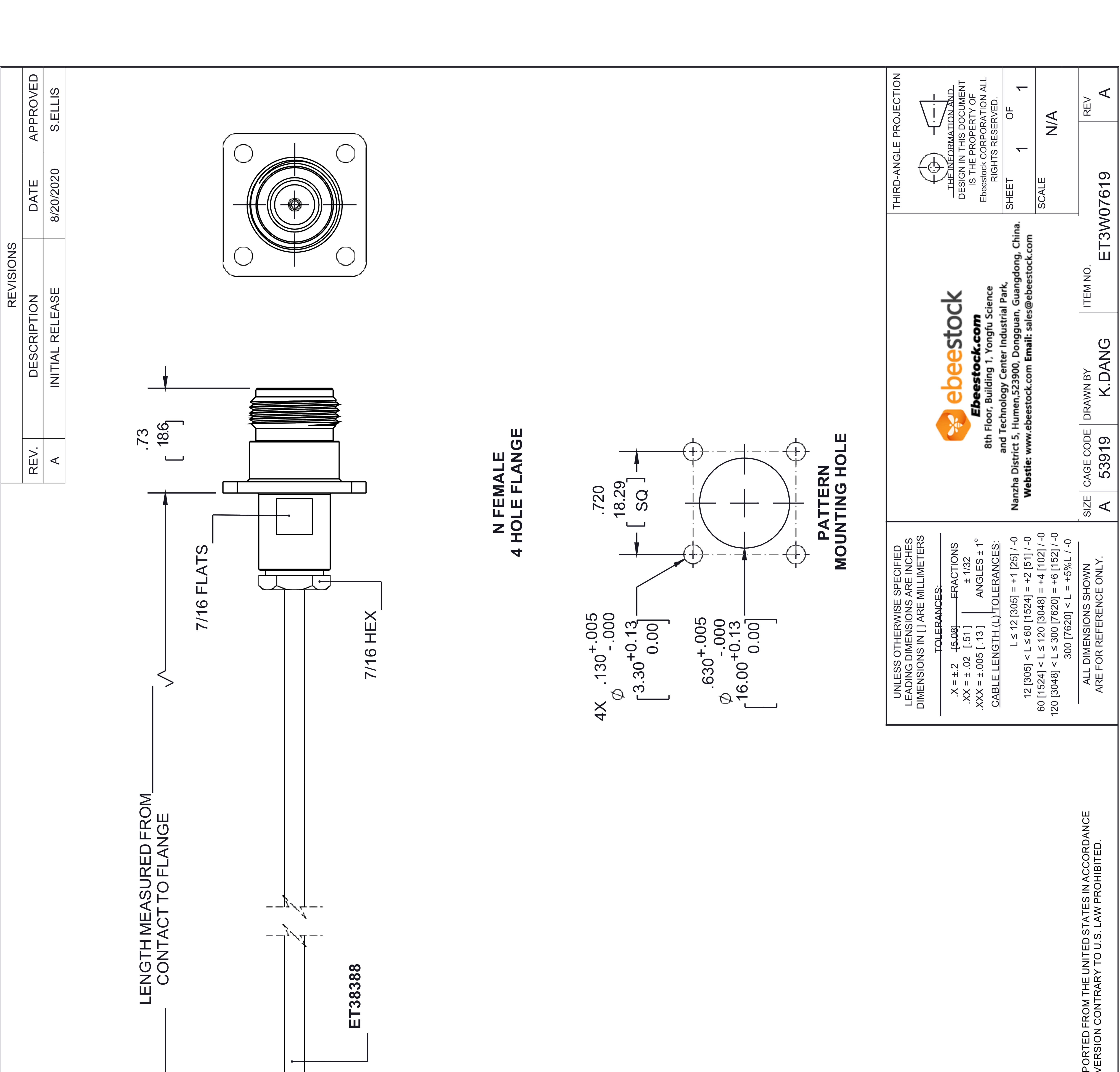
N Female 4 Hole Flange to N Male Right Angle Cable 60 Inch Length Using ET-RG402 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/n-female-4-hole-flange-to-n-male-right-angle-cable-12-inch-lengt h-using-rg402-coax-0029613

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