

RF Cable Assemblies Technical Data Sheet

ET29584

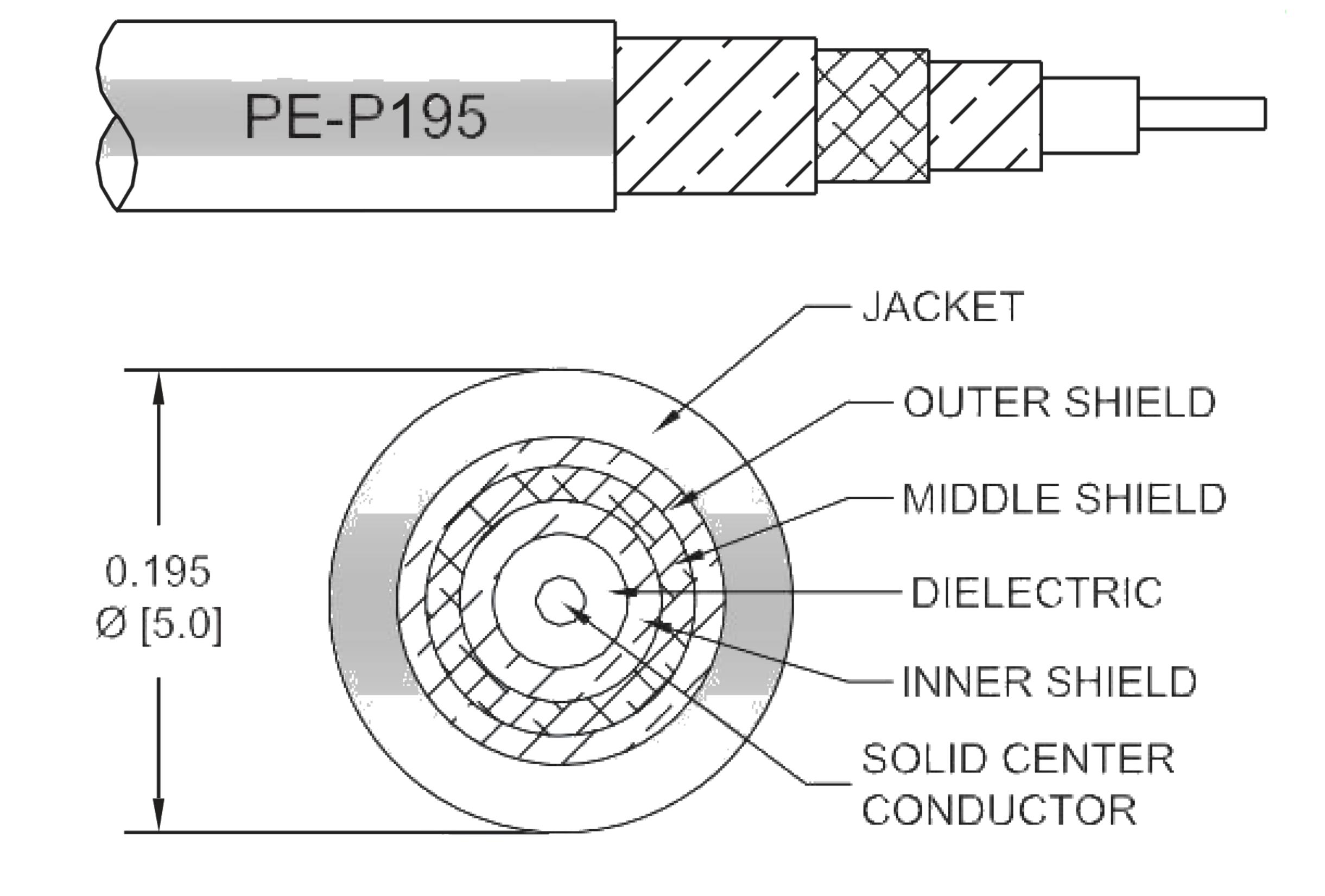
Configuration

Connector 1: N Female Bulkhead
 Connector 2: SMA Male Right Angle

Cable Type: ET-P195

Features

- Max Frequency 4 GHz
- 70% Phase Velocity
- Triple Shielded
- FEP Jacket



Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET29584 type N female bulkhead to SMA male right angle 150 cm cable using ET-P195 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 SMA cable assembly has a female to male gender configuration with 50 ohm flexible ET-P195 coax. The ET29584 type N female to SMA male cable assembly operates to 4 GHz. The right angle SMA interface on the ET-P195 cable allows for easier connections in tight spaces. Our RF cable assembly with type N bulkhead interface allows designers to create external connections on their product enclo- sures, and can be used in a variety of other rack mount and panel mount applications. The triple shielding of this Ebeestock 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 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.

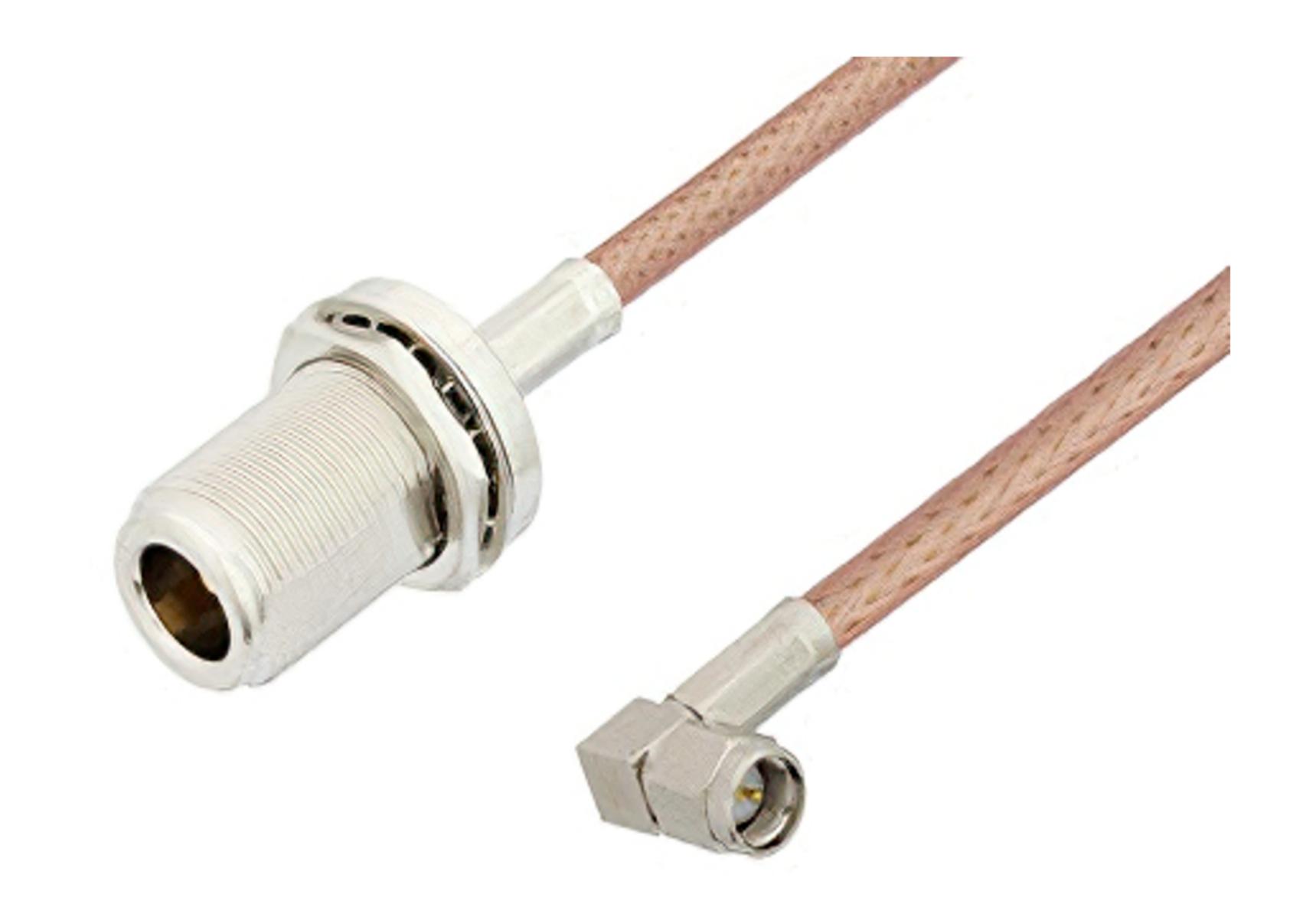
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.5:1	
Velocity of Propagation		70		%
Capacitance		29 [95.14]		pF/ft [pF/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Bulkhead to SMA Male Right Angle Cable 150 cm Length Using ET-P195 Coax ET29584

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





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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.25	0.5	1	2.5	4	GHz
Insertion Loss (Max.)	0.58	0.74	0.92	1.27	1.62	dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.3dB of connectro loss.

Mechanical Specifications

Cable Assembly

Length* 59.05 in [149.99 cm]

Cable

Cable Type
Impedance
Inner Conductor Type

ET-P195
Solid

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type
Number of Shields

Shield Layer 1
Shield Layer 2
Shield Layer 3
Silver Plated Copper Braid
Silver Plated Copper Braid
Silver Plated Copper Braid
FEP, Tan

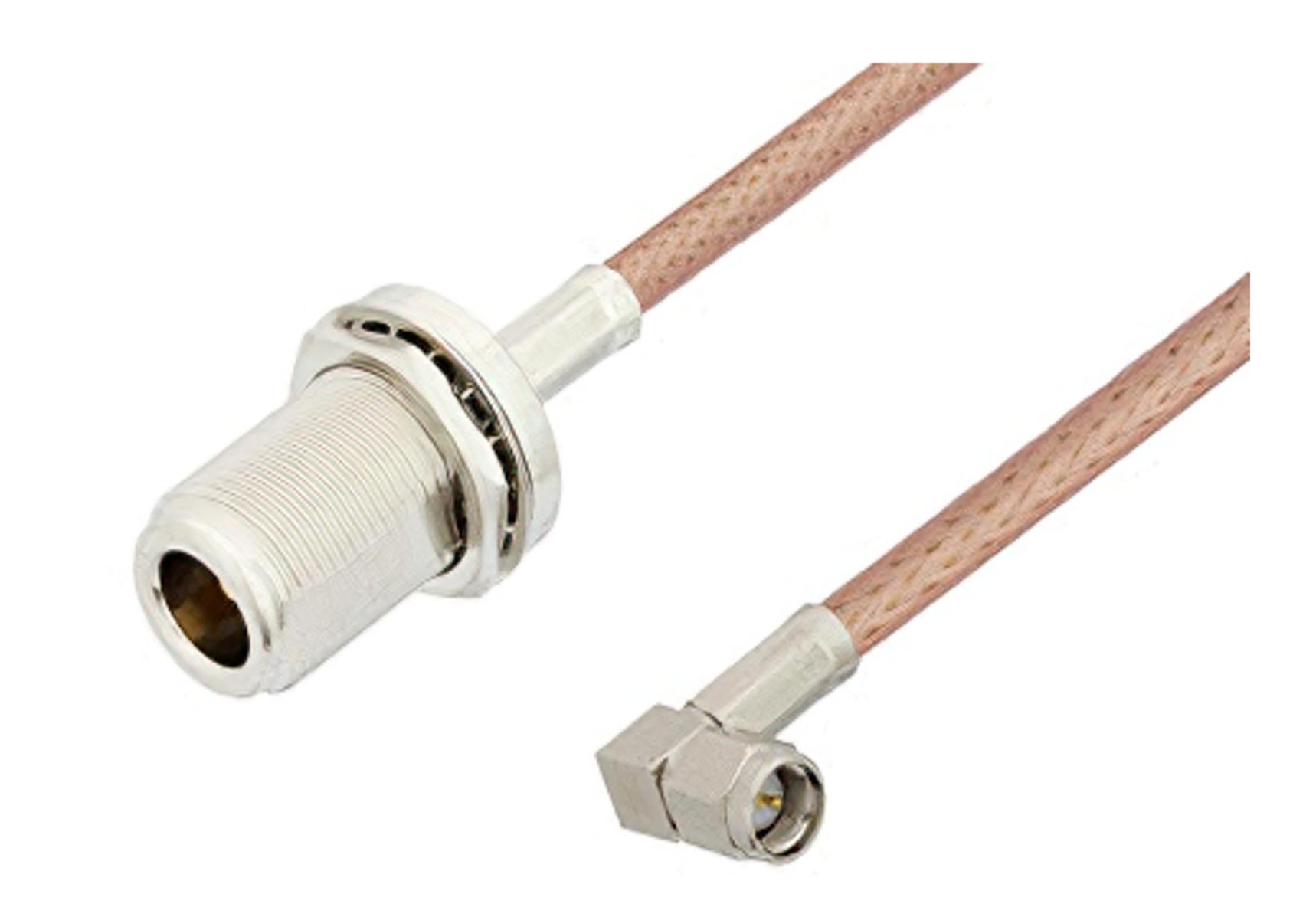
Jacket Diameter 0.195 in [4.95 mm]

Repeated Minimum Bend Radius 1 in [25.4 mm]

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Connectors

Connector 1	Connector 2	
N Female Bulkhead	SMA Male Right Angle	
	MIL-STD-348A	
50 Ohms 50 Ohms		
	Brass, Gold	
	50 μin minimum	
	PTFE	
Brass, Nickel	Brass, Nickel	
	100 μin minimum	
	Brass, Nickel	
	100 μin minimum	
	5/16 inch	
	3 in-lbs [0.34 Nm]	
	N Female Bulkhead 50 Ohms	

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

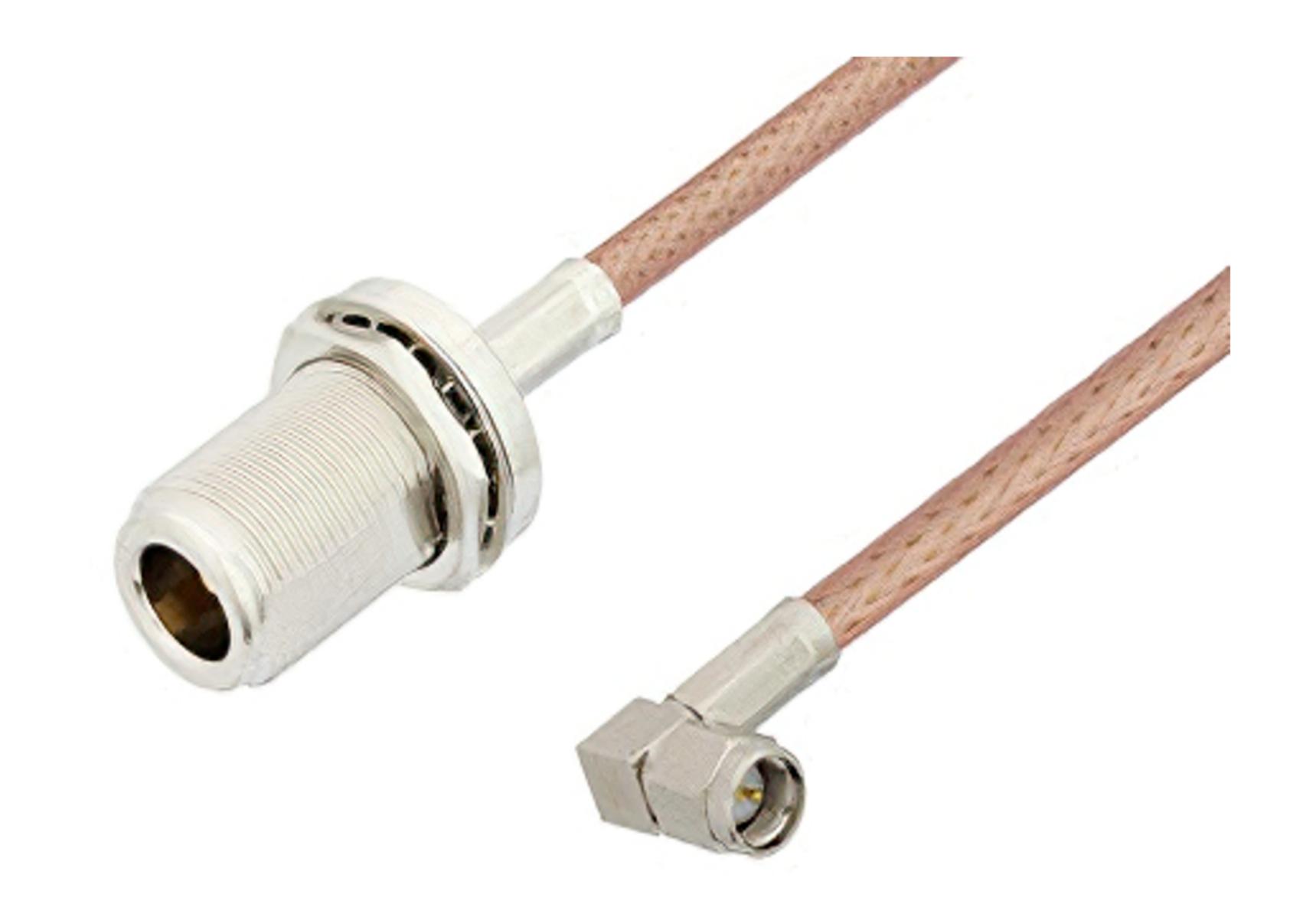
Notes:

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www.ebeestock.com

^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.





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How to Order

Part Number Configuration:

ET3W06405
- xx uu

——Unit of Measure:

cm = Centimeters

Length

Base Number

Example: ET3W06405-12 = 12 inches long cable

ET3W06405-100cm = 100 cm long cable

N Female Bulkhead to SMA Male Right Angle Cable 150 cm Length Using ET-P195 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-bulkhead-to-sma-male-right-angle-cable-12-inch-length-u sing-pe-p195-coax-0029577

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.

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