N Male Right Angle to N Male Right Angle Cable 12 Inch Lengt
h Using ET-RG225 Coax

RF Cable Assemblies Technical Data Sheet ET27180

Configuration

- Connector 1: N Male Right Angle
- Connector 2: N Male Right Angle
- Cable Type: ET-RG225

Features

- Max Frequency 400 MHz
- Double Shielded
- PTFE (FG) Jacket

Applications

- General Purpose
- Laboratory Use

Description

Ebeestock's ET27180 type N male right angle to type N male right angle 12 inch cable using ET-RG225 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-RG225 coax. The ET27180 type N male to type N male cable assembly operates to 400 MHz. The right angle type N interfaces on the ET-RG225 cable allow for easier connections in tight spaces. The double 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		400	MHz
Capacitance		32.4 [106.3]		pF/ft [pF/m]
Dielectric Withstanding Voltage (AC)			2,500	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.206	0.213	0.231			dB

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 12 Inch Length Using ET-RG225 Coax ET27180

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Mechanical Specifications

Cable Assembly

Length*	12 in [304.8 mm]
Diameter	0.8 in [20.32 mm]
Weight	0.492 lbs [223.17 g]

Cable

Cable Type	ET-RG225
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PTFE (FG), Tan
Jacket Diameter	0.43 in [10.92 mm]

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
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel

Mechanical Specification Notes:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8”, whichever is greater.

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
- Values at 25°C, sea level.

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How to Order

Part Number Configuration: **ET34222 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- ET34222 — Base Number

Example: ET27180 = 12 inches long cable
ET34222-100cm = 100 cm long cable

N Male Right Angle to N Male Right Angle Cable 12 Inch Length Using ET-RG225 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 12 Inch Length Using ET-RG225 Coax ET34222- 12

URL: https://www.ebeestock.com/n-male-right-angle-to-n-male-right-angle-cable-12-inch-length-using-rg225-coax-0027180

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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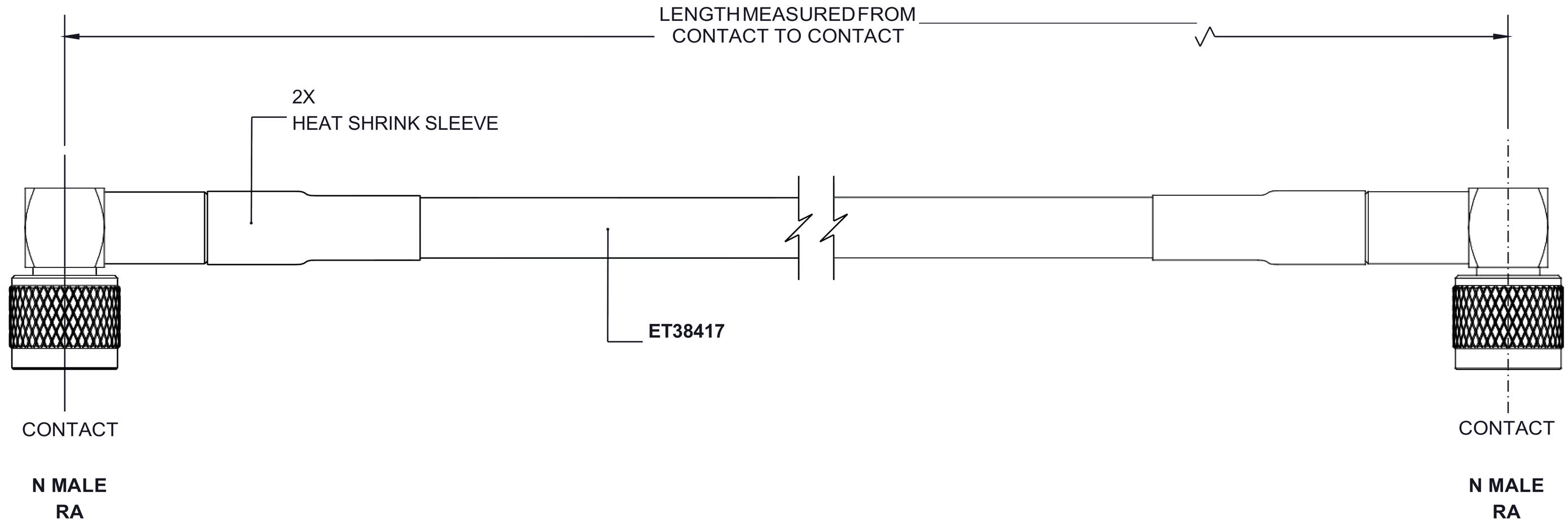
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/23/19	S.ELLIS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X=± .2	[5.08]	FRACTIONS
.XX=± .01	[.25]	± 1/32
.XXX=± .005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	ET34222	A

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