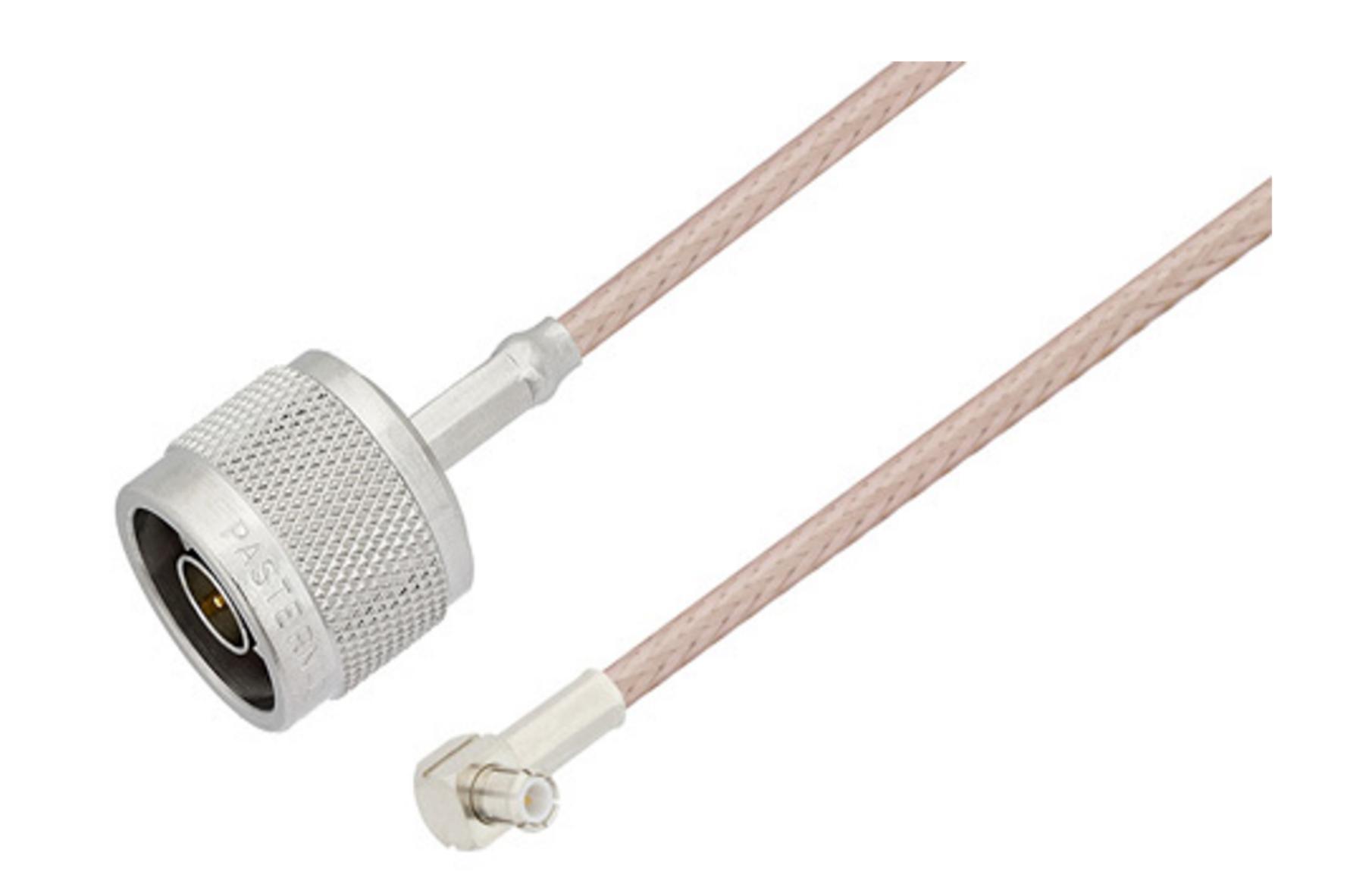


N Male to MCX Plug Right Angle Cable 24 Inch Length Using ET 38399 Coax



## RF Cable Assemblies Technical Data Sheet

ET24967

# Configuration

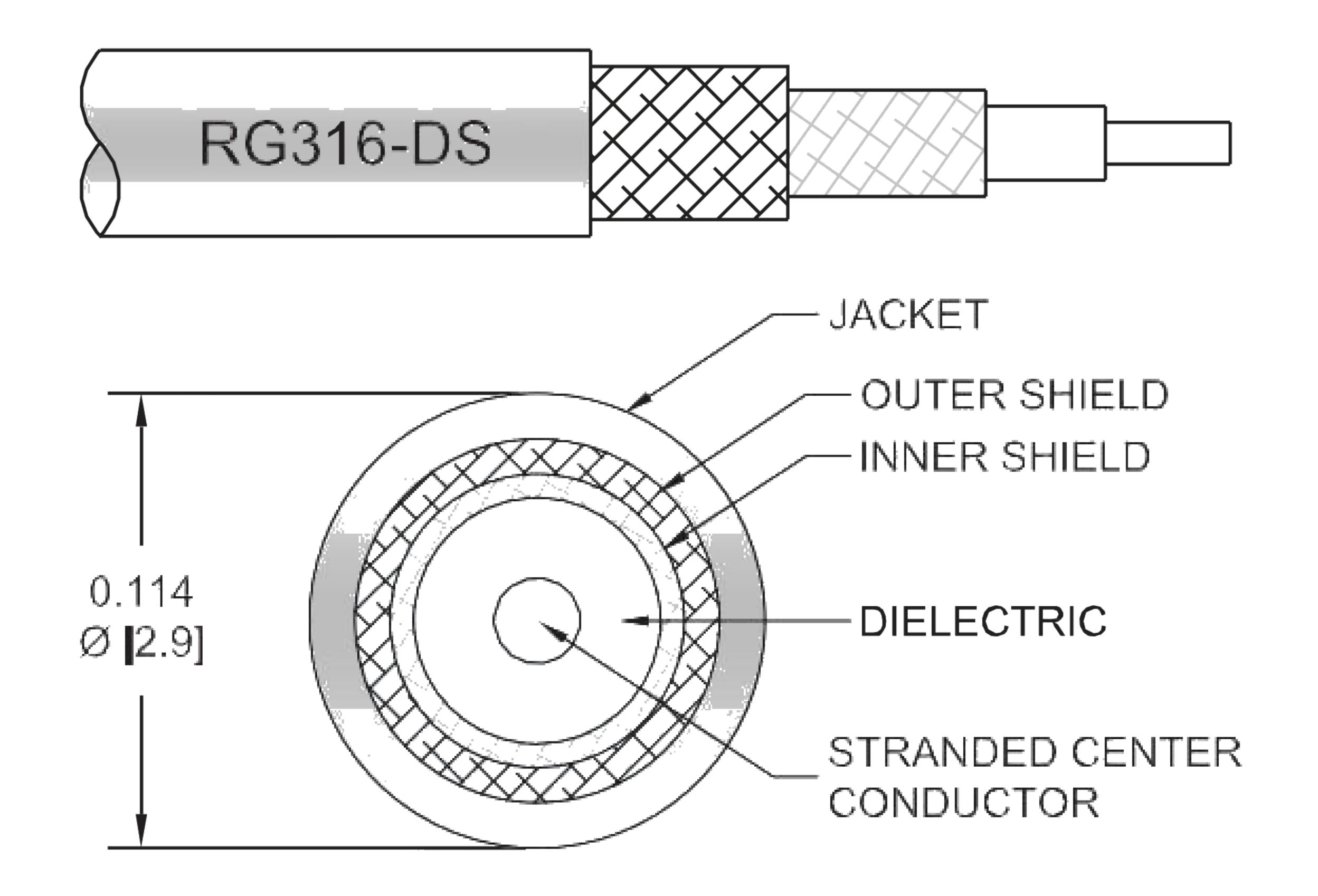
Connector 1: N Male

• Connector 2: MCX Plug Right Angle

Cable Type: ET38399

## Features

- Max Frequency 1 GHz
- 70% Phase Velocity
- Double Shielded
- FEP Jacket



# Applications

General Purpose

Laboratory Use

#### Description

Ebeestock's ET24967 type N male to MCX plug right angle 24 inch cable using ET38399 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 MCX cable assembly has a male to plug gender configuration with 50 ohm flexible ET38399 coax. The ET24967 type N male to MCX plug cable assembly operates to 1 GHz. The right angle MCX interface on the ET38399 cable allows 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male to MCX Plug Right Angle Cable 24 Inch Length Using ET38399 Coax ET24967

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



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## RF Cable Assemblies Technical Data Sheet

ET24967

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.5:1	
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Operating Voltage (AC)			1,000	Vrms

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.35	0.42	0.51	0.64	0.83	dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax and connectors used in this assembly. The Insertion Loss includes an estimated 0.15 dB for the right angle connector and 0.1 dB for the straight connector.

## Mechanical Specifications

Cable Assembly

Length\* 24 in [609.6 mm]
Weight 0.09 lbs [40.82 g]

Cable

Cable Type
Impedance
Inner Conductor Type

ET38399

50 Ohms
Stranded

Inner Conductor Material and Plating

Copper Clad Steel, Silver

Dielectric Type

Number of Shields

2

Shield Layer 1
Silver Plated Copper Braid
Silver Plated Copper Braid

Jacket Material FEP, Tan

Jacket Diameter 0.114 in [2.9 mm]

One Time Minimum Bend Radius 0.59 in [14.99 mm]

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### RF Cable Assemblies Technical Data Sheet

ET24967

#### Connectors

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

#### **Environmental Specifications**

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male to MCX Plug Right Angle Cable 24 Inch Length Using ET38399 Coax ET24967

www.ebeestock.com



N Male to MCX Plug Right Angle Cable 24 Inch Length Using ET 38399 Coax

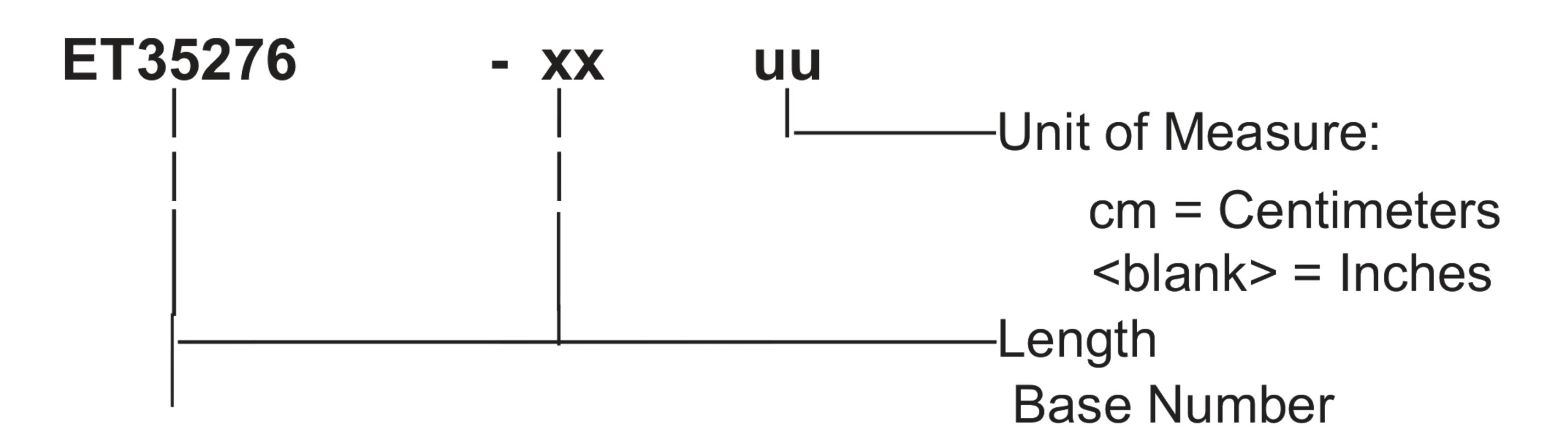


# RF Cable Assemblies Technical Data Sheet

ET24967

#### How to Order

Part Number Configuration:



Example: ET35276-12 = 12 inches long cable

ET35276-100cm = 100 cm long cable

N Male to MCX Plug Right Angle Cable 24 Inch Length Using ET38399 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 to MCX Plug Right Angle Cable 24 Inch Length Using ET38399 Coax ET24967

**URL:** https://www.ebeestock.com/n-male-to-mcx-plug-right-angle-cable-12-inch-length-using-rg316-ds-coax-0024966

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.

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

