



RF Cable Assemblies Technical Data Sheet

ET26651

Configuration

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

Features

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

Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET26651 type N male to type N male 60 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 ET26651 type N male to type N male cable assembly operates to 400 MHz. 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
VSWR			1.4:1	
Capacitance		32.4 [106.3]		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 Male to N Male Cable 60 Inch Length Using ET-RG225 Coax ET26651





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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.231	0.263	0.356			dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

 Length*
 60 in [152.4 cm]

 Diameter
 0.79 in [20.07 mm]

 Weight
 1.109 lbs [503.03 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type

ET-RG225
50 Ohms
Stranded
Copper, Silver
PTFE

Dielectric Type

Number of Shields

Shield Layer 1

Shield Layer 2

Shield Layer 2

Jacket Material

Jacket Diameter

PTFE

Silver Plated Copper Braid

PTFE (FG), Tan

0.43 in [10.92 mm]

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Connectors

Description	Connector 1	Connector 2 N Male	
Туре	N Male		
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	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Plating Specification	100μ in. minimum	100μ in. minimum	

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Values at 25°C, sea level.

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^{*}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:

ET33269
- xx uu

Unit of Measure:

cm = Centimeters

chlank> = Inches

Base Number

Example: ET33269-12 = 12 inches long cable

ET33269-100cm = 100 cm long cable

N Male to N Male Cable 60 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 to N Male Cable 60 Inch Length Using ET-RG225 Coax ET26651

URL: https://www.ebeestock.com/n-male-to-n-male-cable-12-inch-length-using-rg225-coax-0026647

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.

