

N Male to N Female Cable 72 Inch Length Using ET-RG225 Coax



RF Cable Assemblies Technical Data Sheet

ET26829

Configuration

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

Features

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

Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET26829 type N male to type N female 72 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 female gender configuration with 50 ohm flexible ET-RG225 coax. The ET26829 type N male to type N female 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 |
| Capacitance | | 32.4 [106.3] | | pF/ft [pF/m] |

Specifications by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-----------------------|-------|-------|-------|-----|-------|-------|
| Frequency | 50 | 100 | 250 | 500 | 1,000 | MHz |
| Insertion Loss (Typ.) | 0.238 | 0.275 | 0.388 | | | 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 to N Female Cable 72 Inch Length Using ET-RG225 Coax ET26829

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



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Mechanical Specifications

Cable Assembly

Length* 72 in [182.88 cm] 0.79 in [20.07 mm] Diameter Weight 1.303 lbs [591.03 g]

Cable

Cable Type ET-RG225 50 Ohms Impedance Stranded Inner Conductor Type Inner Conductor Material and Plating Copper, Silver

PTFE Dielectric Type Number of Shields

Silver Plated Copper Braid Shield Layer 1 Silver Plated Copper Braid Shield Layer 2 Jacket Material PTFE (FG), Tan 0.43 in [10.92 mm] Jacket Diameter

Connectors

| Description | Connector 1 | Connector 2 | |
|------------------------------------|------------------|-----------------------|--|
| Туре | N Male | N Female | |
| Specification | MIL-STD-348A | MIL-STD-348A | |
| Impedance | 50 Ohms | 50 Ohms | |
| Contact Material and Plating | Brass, Gold | Phosphor Bronze, 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 | | |
| Coupling Nut Plating Specification | 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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www.ebeestock.com

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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:

ET33728 - xx uu

Unit of Measure:

cm = Centimeters

chlank> = Inches

Base Number

Example: ET33728-12 = 12 inches long cable

ET33728-100cm = 100 cm long cable

N Male to N Female Cable 72 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.

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URL: https://www.ebeestock.com/n-male-to-n-female-cable-12-inch-length-using-rg225-coax-0026824

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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