

N Male Right Angle to N Female Bulkhead Cable 50 cm Length U sing ET-RG213 Coax , LF Solder



RF Cable Assemblies Technical Data Sheet

ET28976

Configuration

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

Cable Type: ET-RG213

Features

- Max Frequency 1 GHz
- 66% Phase Velocity
- PVC Jacket

Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET28976 type N male right angle to type N female bulkhead 50 cm cable using ET-RG213 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-RG213 coax. The ET28976 type N male to type N female cable assembly operates to 1 GHz. The right angle type N interface on the ET-RG213 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 enclosures, and can be used in a variety of other rack mount and panel mount applications.

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 Right Angle to N Female Bulkhead Cable 50 cm Length Using ET-RG213 Coax, LF Sol- der ET28976



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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]
Operating Voltage (AC)			1,000	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	100	250	500	1,000		MHz
Insertion Loss (Max.)	0.43	0.51	0.61	0.78		dB

Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax used in this assembly. Insertion Loss is estimated as 0.2 dB for the N Male connector and 0.1 dB for the N Female connector.

Mechanical Specifications

Cable Assembly

Length* 19.68 in [499.87 mm]

Diameter 0.825 in [20.96 mm]

Cable

Jacket Diameter 0.405 in [10.29 mm]

Repeated Minimum Bend Radius 1.6 in [40.64 mm]

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Connectors

Description	Connector 1	Connector 2	
Туре	N Male Right Angle	N Female Bulkhead	
Specification	MIL-STD-348A	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Mating Cycles	500		
Contact Material and Plating	Brass, Gold	Brass, Gold	
Contact Plating Specification	30 µin minimum	30 µin minimum	
Dielectric Type	PTFE	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification	100 μin minimum		
Coupling Nut Material and Plating	Brass, Nickel		

Environmental Specifications

Temperature

Operating Range

-25 to +70 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

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www.ebeestock.com



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Base Number

How to Order

Part Number Configuration:

ET3C6624LF - xx uu

Unit of Measure:

cm = Centimeters

Length

Example: ET3C6624LF-12 = 12 inches long cable

ET3C6624LF-100cm = 100 cm long cable

N Male Right Angle to N Female Bulkhead Cable 50 cm Length Using ET-RG213 Coax, LF Solder 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-right-angle-to-n-female-bulkhead-cable-12-inch-length-using-rg213-coax-lf-solder-0028971

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