

75 Ohm N Male to 75 Ohm N Male Low Frequency Cable 200 cm Le ngth Using 75 Ohm ET-SF200LL75 Coax, RoHS



# RF Cable Assemblies Technical Data Sheet

ET26444

# Configuration

Connector 1: N Male
Connector 2: N Male

Cable Type: ET-SF200LL75

### Features

Precision 75 Ohm Type N connectors

• 1.35:1 VSWR to 3 GHz

70% velocity of propagation (VoP) low loss coax

100% VSWR tested and Hi-Pot tested to 500 volts

Very flexible and durable

Enhanced strain relief, heavy duty booting

In-stock and ready to ship

# Applications

Production testing up to 3 GHz

RF development testing

- General lab testing
- Test rack applications

#### Description

Ebeestock's new line of 75 Ohm type N test cables built on our ET-SF200LL75 coax are optimized for use up to 3 GHz. The highly flexible low loss coax design improves the usability of the test cables reducing the strain applied to your test components while making it easier to route the cables in your test setup or equipment rack. The flexible coax cable has excellent electrical properties including low insertion loss. These 3 GHz test cables are available with Male and Female TyET-N connector options and are stocked in standard lengths and available for same day shipment.

## Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Operating Voltage (AC)			500	Vrms

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	3			GHz
Insertion Loss (Max.)	2.04	2.23	2.49			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm N Male to 75 Ohm N Male Low Frequency Cable 200 cm Length Using 75 Ohm ET-SF200LL75 Coax, RoHS ET26444

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



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Electrical Specification Notes: Values at 25°C, sea level.

#### Mechanical Specifications

Cable Assembly

Length 78.74 in [200 cm]
Weight 0.42 lbs [190.51 g]

Cable

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

ET-SF200LL75
75 Ohms
Solid
Copper, Bare
PTFE

Dielectric Type
Number of Shields
2

Shield Layer 1
Silver Plated Copper Braid
Silver Plated Copper Braid

Jacket Material FEP

Jacket Diameter 0.195 in [4.95 mm]

One Time Minimum Bend Radius 1 in [25.4 mm]

#### Connectors

Description	Connector 1	Connector 2		
Туре	N Male	N Male		
Impedance	75 Ohms	75 Ohms		
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold		
Dielectric Type	PTFE	PTFE		
Coupling Nut Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel		
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel		

## Compliance Certifications (visit for current document)

RoHS Compliant Yes

#### Plotted and Other Data

Notes:

Values at 25°C, sea level.

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#### How to Order

Example: ET3TC1200-12 = 12 inches long cable

ET3TC1200-100cm = 100 cm long cable

75 Ohm N Male to 75 Ohm N Male Low Frequency Cable 200 cm Length Using 75 Ohm ET-SF200LL75 Coax, RoHS from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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**URL:** https://www.ebeestock.com/75-ohm-n-male-to-75-ohm-n-male-low-frequency-cable-6-inch-length -using-75-ohm-pe-sf200ll75-coax-rohs-0026437

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.

# ET26444 CAD Drawing

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