PASTERNACK®
THE ENGINEER'S RF SOURCE

75 Ohm N Male to 75 Ohm N Female Low Frequency Cable 36 Inch Length Using 75 Ohm PE-SF200LL75 Coax, RoHS

RF Cable Assemblies Technical Data Sheet PE3TC1201-36

Configuration

- Connector 1: N Male
- Connector 2: N Female
- Cable Type: PE-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

Pasternack's new line of 75 Ohm type N test cables built on our PE-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 Type-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.)	1.48	1.57	1.69			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 Female Low Frequency Cable 36 Inch Length Using 75 Ohm PE-SF200LL75 Coax, RoHS PE3TC1201-36

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

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

Mechanical Specifications

Cable Assembly

Length	36 in [914.4 mm]
Weight	0.26 lbs [117.93 g]

Cable

Cable Type	PE-SF200LL75
Impedance	75 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Bare
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	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
Type	N Male	N Female
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Outer Conductor Material and Plating		Passivated Stainless Steel
Coupling Nut Material and Plating	Passivated Stainless Steel	
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration: **PE3TC1201 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3TC1201 — Base Number

Example: PE3TC1201-12 = 12 inches long cable
PE3TC1201-100cm = 100 cm long cable

75 Ohm N Male to 75 Ohm N Female Low Frequency Cable 36 Inch Length Using 75 Ohm PE-SF200LL75 Coax, RoHS from Pasternack 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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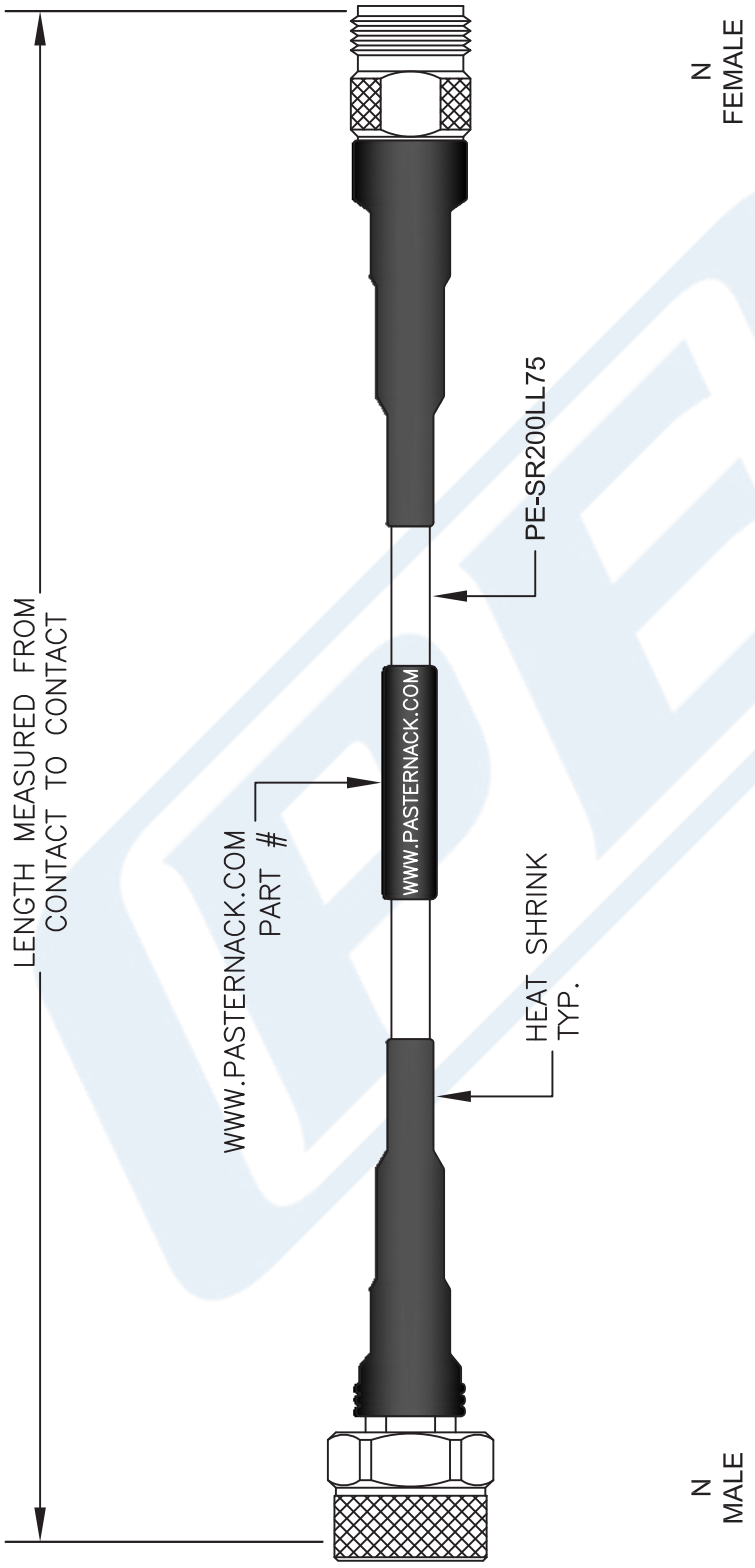
URL: http://www.pasternack.com/n-male-n-female-pe-sf200ll75-cable-assembly-pe3tc1201-36-p.aspx

PE3TC1201-36 CAD Drawing

75 Ohm N Male to 75 Ohm N Female Low Frequency Cable 36 Inch Length Using 75 Ohm PE-SF200LL75 Coax, RoHS



NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS ± 2%

CAD FILE	SCALE	SIZE
022916	N/A	A

DWG TITLE: **PE3TC1201**

FSCM NO. 53919

2233

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