PASTERNACK®
THE ENGINEER'S RF SOURCE

Reverse Polarity SMA Male to BNC Male Cable 72 Inch
Length Using RG316 Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet

Configuration

- Connector 1: SMA Male Reverse Polarity
- Connector 2: BNC Male
- Cable Type: RG316

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.5:1	
Velocity of Propagation		69		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
DC Resistance Inner Conductor		8.41 [27.59]		Ω/1000ft [Ω/Km]
Jacket Spark			2,000	Vrms

Mechanical Specifications

Cable Assembly

Length*	72 in [182.88 cm]
Diameter	0.57 in [14.48 mm]

Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.102 in [2.59 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity SMA Male to BNC Male Cable 72 Inch Length Using RG316 Coax, LF Solder, RoHS PE3C3413LF-72

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RF Cable Assemblies Technical Data Sheet   PE3C3413LF-72

Connectors

Description	Connector 1	Connector 2
Type	SMA Male Reverse Polarity	BNC Male
Specification	MIL-STD-348	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification	MIL-G-45204	50µ in. minimum
Dielectric Type	PTFE	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	100µ in. minimum
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	100µ in. minimum
Hex Size	5/16 inch	
Torque	3 in-lbs [0.34 Nm]	

Mechanical Specification Notes:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

Compliance Certifications (see product page for current document)

Plotted and Other Data
Notes:
• Values at 25°C, sea level.

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

Part Number Configuration: **PE3C3413LF   - xx   uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3C3413LF-12 = 12 inches long cable
PE3C3413LF-100cm = 100 cm long cable

Reverse Polarity SMA Male to BNC Male Cable 72 Inch Length Using RG316 Coax, LF Solder, RoHS from Pasternack 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.
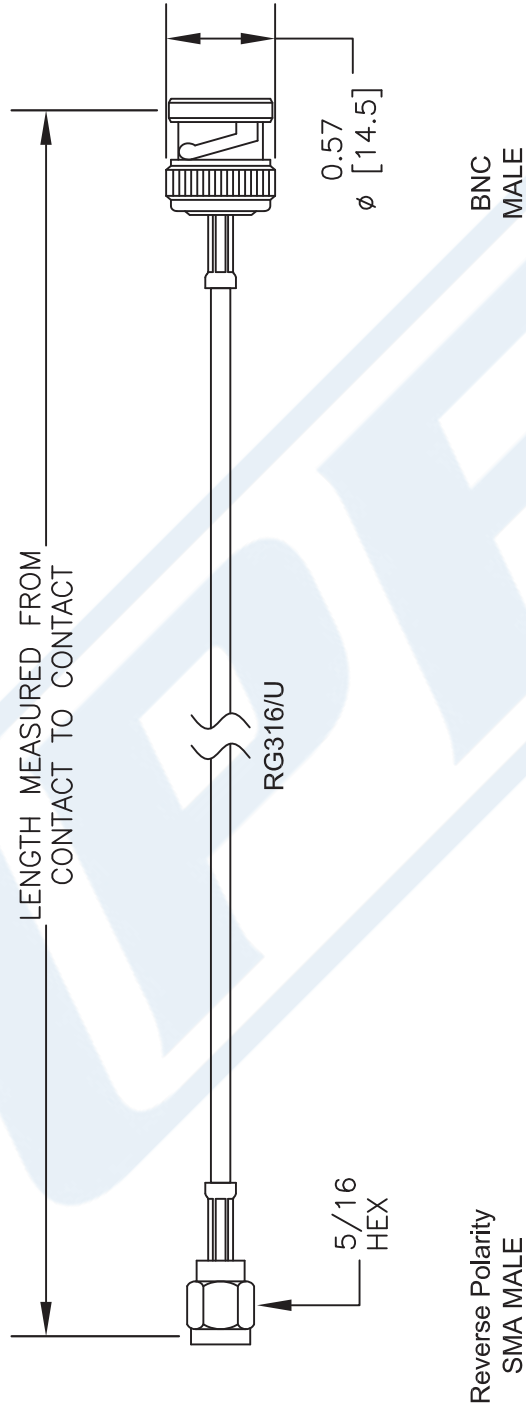
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URL: https://www.pasternack.com/sma-male-bnc-male-rg316u-cable-assembly-pe3c3413lf-72-p.aspx

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0.57 ∅ [14.5]

BNC MALE

RG316/U

LENGTH MEASURED FROM CONTACT TO CONTACT

5/16 HEX

Reverse Polarity SMA MALE

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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

SIZE A	SCALE N/A	2233

CAD FILE 102416

DWG TITLE **PE3C3413LF**

FSCM NO. 53919

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