



SMA Male to BNC Male Cable 50 cm Length
Using RG405 Coax , LF Solder

RF Cable Assemblies Technical Data Sheet

PE3W00079LF-50CM

Configuration

- Connector 1: SMA Male
- Connector 2: BNC Male
- Cable Type: RG405

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W00079LF-50CM SMA male to BNC male 50 cm cable using RG405 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack SMA to BNC cable assembly has a male to male gender configuration with 50 ohm semi-rigid RG405 coax.

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.

Mechanical Specifications

Cable Assembly

Length* 19.68 in [499.87 mm]

Cable

Cable Type	RG405
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to BNC Male Cable 50 cm Length Using RG405 Coax , LF Solder PE3W00079LF-50CM](#)



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Connectors

Description	Connector 1	Connector 2
Type	SMA Male	BNC Male
Impedance	50 Ohms	50 Ohms
Mating Cycles	500	
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	50μ in. minimum, MIL-G-45204	
Dielectric Type	PTFE	
Body Material and Plating	Stainless Steel, Gold	Brass, Nickel
Body Plating Specification	MIL-G-45204	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	QQ-N-290	
Hex Size	5/16 in.	
Torque	5 in-lbs [0.57 Nm]	

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8$ ", whichever is greater.

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W00079LF - xx uu

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

Example: PE3W00079LF-12 = 12 inches long cable
PE3W00079LF-100cm = 100 cm long cable

SMA Male to BNC Male Cable 50 cm Length Using RG405 Coax , LF Solder 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.

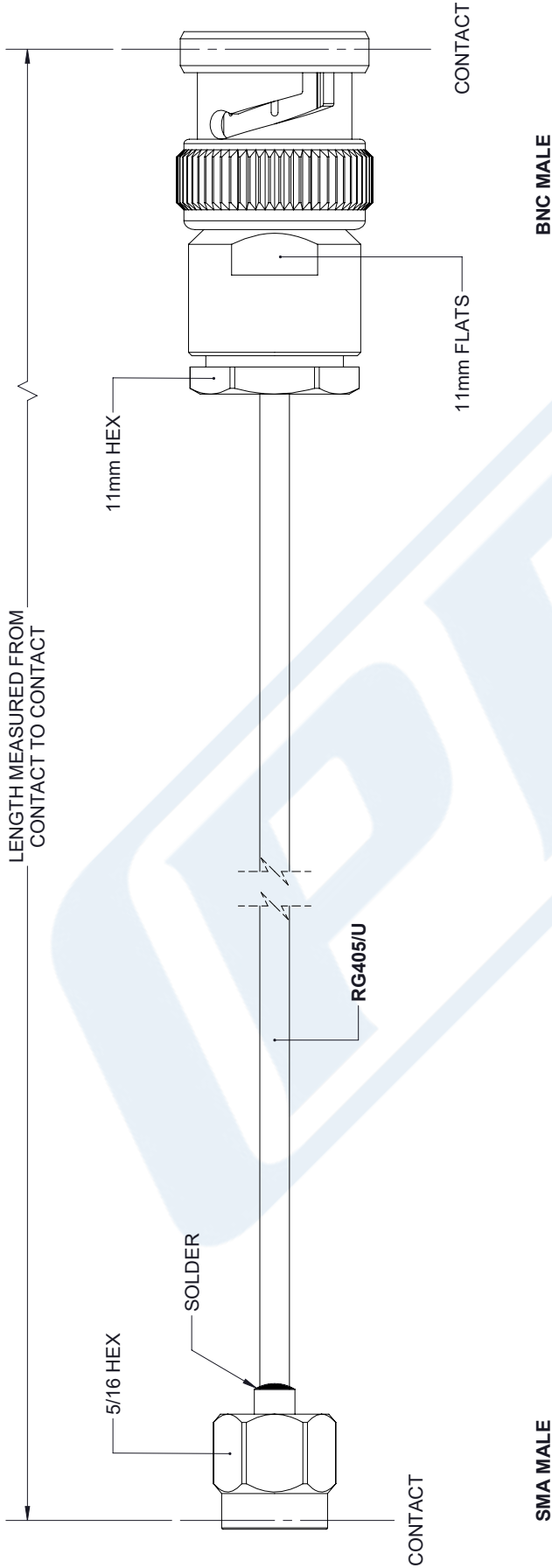
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to BNC Male Cable 50 cm Length Using RG405 Coax , LF Solder PE3W00079LF-50CM](https://www.pasternack.com/sma-male-bnc-male-rg405u-cable-assembly-pe3w00079lf-50cm-p.aspx)

URL: <https://www.pasternack.com/sma-male-bnc-male-rg405u-cable-assembly-pe3w00079lf-50cm-p.aspx>

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PE3W00079LF-50CM CAD Drawing
SMA Male to BNC Male Cable 50 cm Length Using RG405 Coax , LF Solder

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/23/19	SELLIS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X±.2	[5.08]
.XX±.01	[.25]
.XXX±.005	[.13]
ANGLES ± 1°	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

PE PASTERNAK an INFINITI brand	
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SIZE	A
CAGE	53919
DRAWN BY	K.DANG
PART NUMBER	PE3W00079LF
REV	A

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SHEET	1 OF 1
SCALE	N/A

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