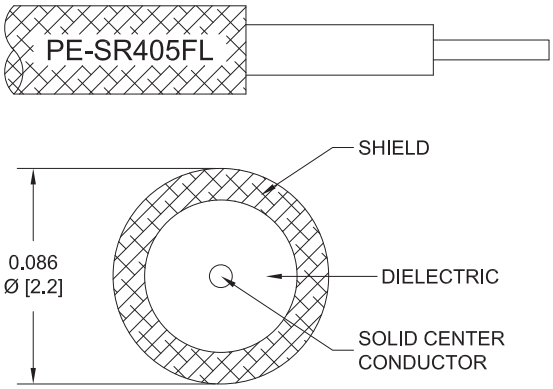
SMA Male to SMA Female Bulkhead Cable 60 Inch Length Using PE-SR405FL Coax, RoHS



PE3961LF-60

Configuration

- Connector 1: SMA Male
- Connector 2: SMA Female Bulkhead
- Cable Type: PE-SR405FL
- Coax Flex Type: Formable



Features

- Max Frequency 18 GHz
- 69.5% Phase Velocity

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3961LF-60 SMA male to SMA female bulkhead 60 inch cable using PE-SR405FL coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack SMA to SMA cable assembly has a male to female gender configuration with 50 ohm formable PE-SR405FL coax. The PE3961LF-60 SMA male to SMA female cable assembly operates to 18 GHz. Our RF cable assembly with SMA 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Velocity of Propagation		69.5		%
Capacitance		29 [95.14]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	4.5	9	18	GHz
Insertion Loss (Typ.)	1.325	1.73	2.743	3.997	5.812	dB

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Mechanical Specifications

Cable Assembly

Width/Diameter	0.433 in [11 mm]
Weight	0.082 lbs [37.19 g]

Cable

Cable Type	PE-SR405FL
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	Tinned Copper Braid

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female Bulkhead
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Mating Cycles	500	
Contact Material and Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Specification	50µ in. minimum, MIL-G-45204	50µ in. minimum
Dielectric Type	PTFE	Teflon
Body Material and Plating	Stainless Steel, Gold	Stainless Steel, Gold
Body Plating Specification	MIL-G-45204	30µ in. minimum
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	

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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Typical Performance Data

How to Order

Part Number Configuration: **PE3961LF - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3961LF — Base Number

Example: PE3961LF-12 = 12 inches long cable
PE3961LF-100cm = 100 cm long cable

SMA Male to SMA Female Bulkhead Cable 60 Inch Length Using PE-SR405FL Coax, 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.

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 SMA Female Bulkhead Cable 60 Inch Length Using PE-SR405FL Coax, RoHS PE3961LF-60

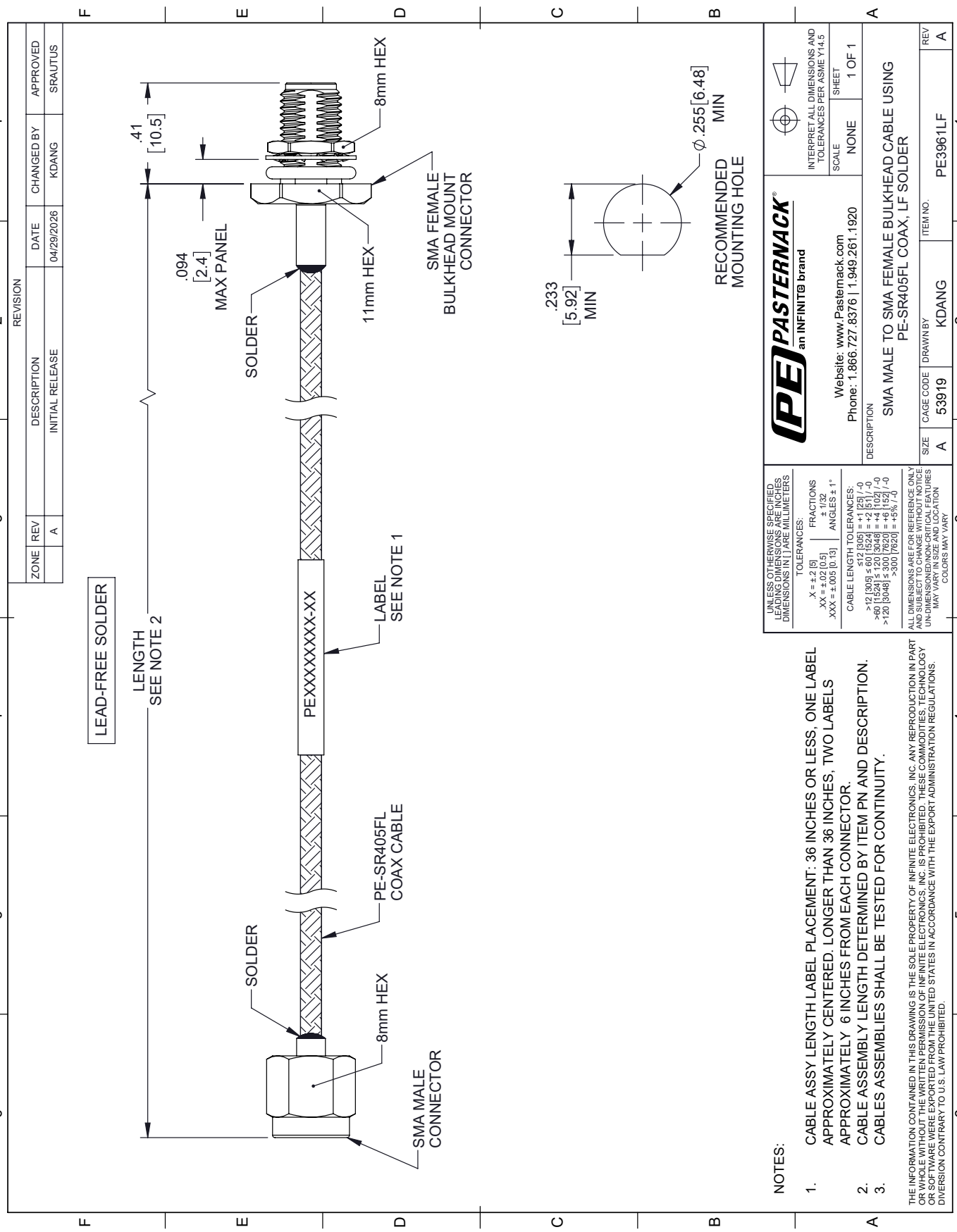
URL: https://www.pasternack.com/sma-male-sma-female-pe-sr405fl-cable-assembly-pe3961lf-60-p.aspx

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PE3961LF-60 CAD Drawing

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