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TNC Female Bulkhead to SSMC Plug Cable Using RG188 Coax , LF Solder

RF Cable Assemblies Technical Data Sheet PE3W10614LF

Configuration

- Connector 1: TNC Female Bulkhead
- Connector 2: SSMC Plug
- Cable Type: RG188

Features

- Max Frequency 400 MHz
- PTFE Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W10614LF TNC female bulkhead to SSMC plug cable using RG188 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack TNC to SSMC cable assembly has a female to plug gender configuration with 50 ohm flexible RG188 coax. The PE3W10614LF TNC female to SSMC plug cable assembly operates to 400 MHz. Our RF cable assembly with TNC 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		400	MHz
VSWR			1.4:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Insertion Loss (Typ.)	0.2					dB/ft
	0.66					dB/m

Electrical Specification Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Female Bulkhead to SSMC Plug Cable Using RG188 Coax , LF Solder PE3W10614LF

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB for the straight connector.

Mechanical Specifications

Cable Assembly

Weight	0.057 lbs [25.85 g]

Cable

Cable Type	RG188
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	PTFE, White
Jacket Diameter	0.11 in [2.79 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Female Bulkhead	SSMC Plug
Specification	MIL-STD-348	
Impedance	50 Ohms	50 Ohms
Mating Cycles		500
Contact Material and Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Specification	30 µin minimum	MIL-G-45204
Dielectric Type	PTFE	Teflon
Body Material and Plating	Brass, Nickel	Beryllium Copper, Gold
Body Plating Specification		MIL-G-45204
Coupling Nut Material and Plating		Beryllium Copper, Gold
Coupling Nut Plating Specification		MIL-G-45206
Torque		1.75 in-lbs [0.2 Nm]

Environmental Specifications

Temperature

Operating Range	-55 to +165 deg C

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **PE3W10614LF - xx uu**

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE3W10614LF — Base Number

Example: PE3W10614LF-12 = 12 inches long cable
PE3W10614LF-100cm = 100 cm long cable

TNC Female Bulkhead to SSMC Plug Cable Using RG188 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: TNC Female Bulkhead to SSMC Plug Cable Using RG188 Coax , LF Solder PE3W10614LF

URL: https://www.pasternack.com/tnc-female-bulkhead-to-ssmc-plug-cable-using-rg188-lf-solder-pe3w10614lf-p.aspx

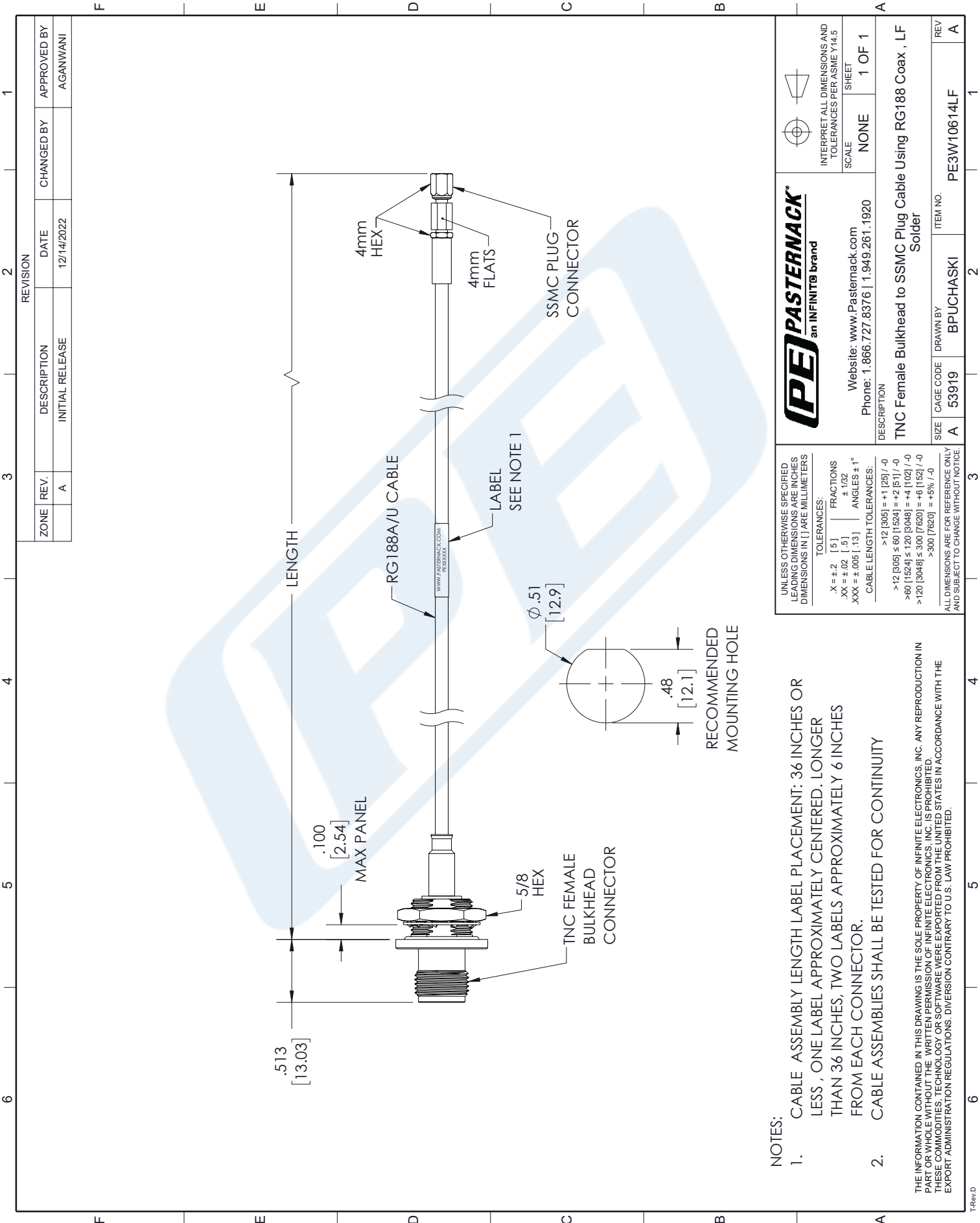
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PE3W10614LF CAD Drawing

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