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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 |

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

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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

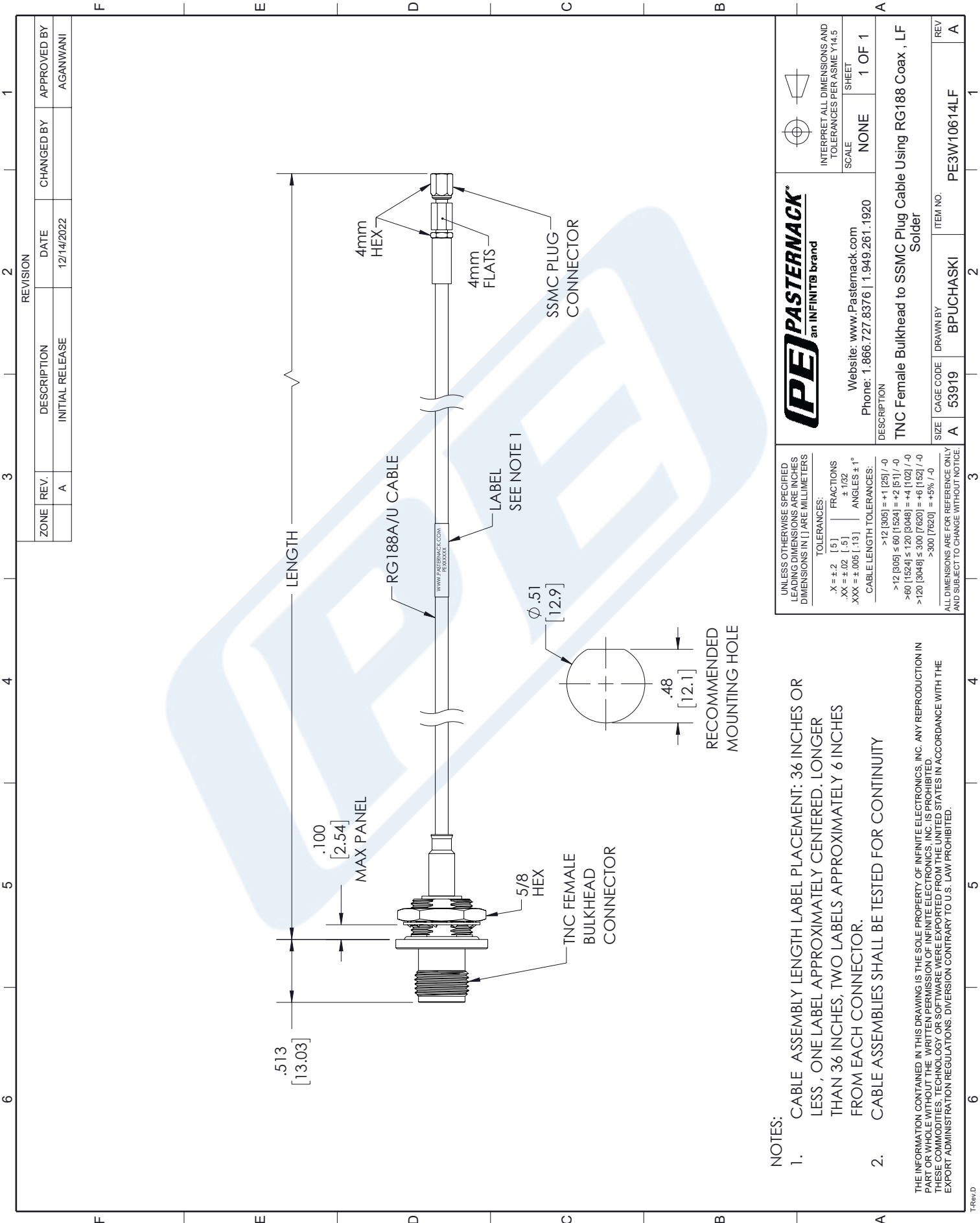
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# PE3W10614LF CAD Drawing

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




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