



## TNC Female Bulkhead to SSMC Plug Right Angle Cable 100 cm Length Using RG188 Coax

### RF Cable Assemblies Technical Data Sheet

PE3W05752-100CM

#### Configuration

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

#### Features

- Max Frequency 400 MHz
- PTFE Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W05752-100CM TNC female bulkhead to SSMC plug right angle 100 cm 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 PE3W05752-100CM TNC female to SSMC plug cable assembly operates to 400 MHz. The right angle SSMC interface on the RG188 cable allows for easier connections in tight spaces. 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			1.5:1	

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Insertion Loss (Max.)	1.29					dB

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 Right Angle Cable 100 cm Length Using RG188 Coax PE3W05752-100CM](#)



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The Insertion Loss data above is based on the performance specifications of the coax use in this assembly. The Insertion Loss includes an estimated insertion loss of 0.3dB of connector Loss

**Mechanical Specifications**

**Cable Assembly**

Length\* 39.37 in [100 cm]  
Diameter 0.75 in [19.05 mm]

**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 Right Angle
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	Brass, Gold
Body Plating Specification		MIL-G-45204
Coupling Nut Material and Plating		Beryllium Copper, Gold
Coupling Nut Plating Specification		MIL-G-45204
Torque		1.75 in-lbs [0.2 Nm]

Mechanical Specification Notes:

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

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 Right Angle Cable 100 cm Length Using RG188 Coax PE3W05752-100CM](#)



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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**PE3W05752 - xx uu**

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

Example: PE3W05752-12 = 12 inches long cable  
PE3W05752-100cm = 100 cm long cable

TNC Female Bulkhead to SSMC Plug Right Angle Cable 100 cm Length Using RG188 Coax 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 Right Angle Cable 100 cm Length Using RG188 Coax PE3W05752-100CM](#)

URL: <https://www.pasternack.com/tnc-female-ssmc-plug-rg188au-cable-assembly-pe3w05752-100cm-p.aspx>

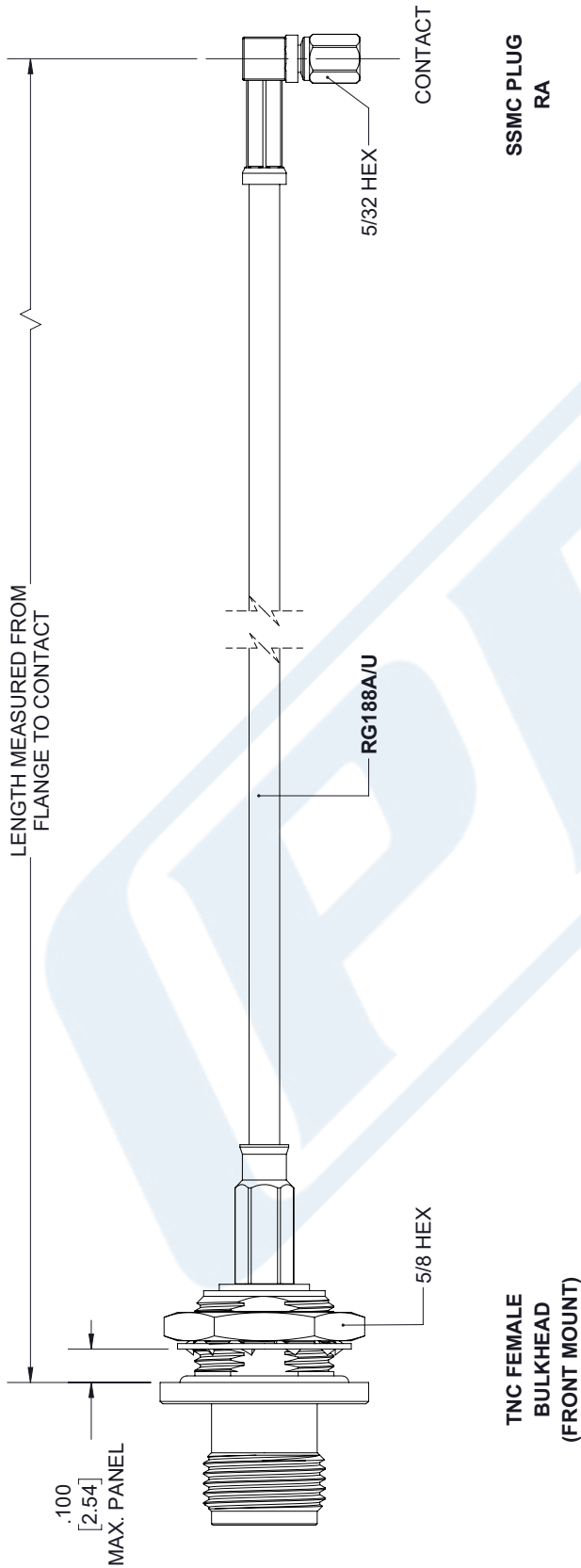
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE3W05752-100CM CAD Drawing

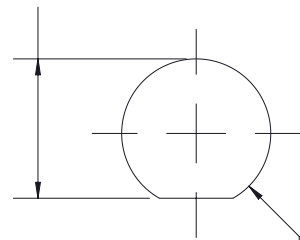
## TNC Female Bulkhead to SSMC Plug Right Angle

### Cable 100 cm Length Using RG188 Coax

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/10/19	S.ELLIS



$.472^{+0.005}$   
 $[-.000]$   
[ 11.99<sup>+0.13</sup>  
0.00]



$\varnothing .505^{+0.005}$   
 $[-.000]$   
[ 12.83<sup>+0.13</sup>  
0.00]

**MOUNTING HOLE**

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

**TOLERANCES:**

X±.2	[5.08]	FRACTIONS
.XX±.01	[.25]	±.132
.XXX±.005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1  
SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	PE3W05752	A

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