



Reverse Polarity TNC Female Bulkhead to SSMC Plug  
Right Angle Cable 50 cm Length Using RG188 Coax

RF Cable Assemblies Technical Data Sheet

PE3W05762-50CM

### Configuration

- Connector 1: TNC Female Reverse Polarity 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 PE3W05762-50CM reverse polarity TNC female bulkhead to SSMC plug right angle 50 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 reverse polarity TNC to SSMC cable assembly has a female to plug gender configuration with 50 ohm flexible RG188 coax. The PE3W05762-50CM reverse polarity 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.)	0.96					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: [Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 50 cm Length Using RG188 Coax PE3W05762-50CM](#)



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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\* 19.68 in [499.87 mm]  
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 Reverse Polarity Bulkhead	SSMC Plug Right Angle
Impedance	50 Ohms	50 Ohms
Mating Cycles		500
Contact Material and Plating	Phosphor Bronze, 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  $\pm 3/8"$ , whichever is greater.

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

#### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 50 cm Length Using RG188 Coax PE3W05762-50CM](#)



## Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 50 cm Length Using RG188 Coax

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PE3W05762-50CM

#### How to Order

Part Number Configuration:

**PE3W05762**

- **xx**

**uu**

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

Example: PE3W05762-12 = 12 inches long cable  
PE3W05762-100cm = 100 cm long cable

Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 50 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: [Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 50 cm Length Using RG188 Coax PE3W05762-50CM](https://www.pasternack.com/tnc-female-ssmc-plug-rg188au-cable-assembly-pe3w05762-50cm-p.aspx)

URL: <https://www.pasternack.com/tnc-female-ssmc-plug-rg188au-cable-assembly-pe3w05762-50cm-p.aspx>

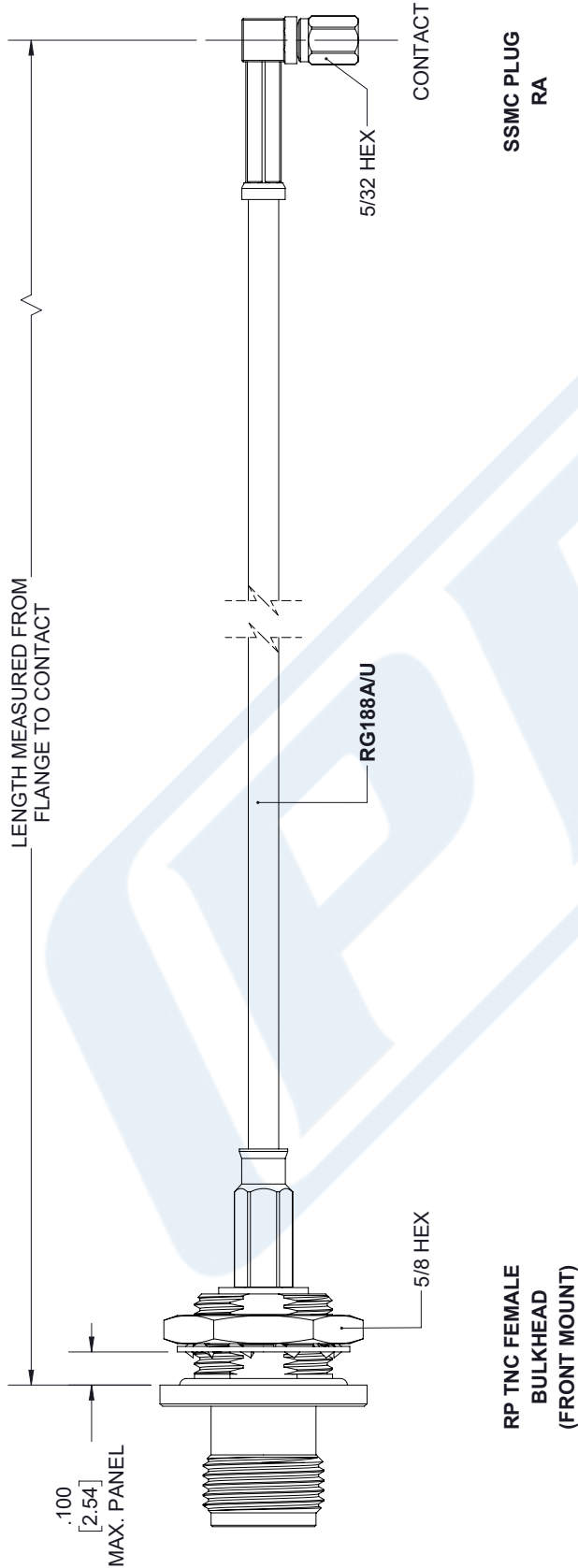
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# PE3W05762-50CM CAD Drawing

## Reverse Polarity TNC Female Bulkhead to SSMC Plug

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



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X±.2 [5.08]	±.132
.XX±.01 [.25]	±.132
.XXX±.005 [.13]	±.132
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

<b>PE PASTERNAK</b> an INFINITO brand	
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SIZE	A
CAGE	53919
DRAWN BY	K.DANG
PART NUMBER	PE3W05762
REV	A

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SCALE	N/A

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