



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

RF Cable Assemblies Technical Data Sheet

PE3W05762-100CM

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 PE3W05762-100CM reverse polarity 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 reverse polarity TNC to SSMC cable assembly has a female to plug gender configuration with 50 ohm flexible RG188 coax. The PE3W05762-100CM 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.)	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: [Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 100 cm Length Using RG188 Coax PE3W05762-100CM](#)



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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 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:

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How to Order

Part Number Configuration:

PE3W05762

- **xx**

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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 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: [Reverse Polarity TNC Female Bulkhead to SSMC Plug Right Angle Cable 100 cm Length Using RG188 Coax PE3W05762-100CM](#)

URL: <https://www.pasternack.com/tnc-female-ssmc-plug-rg188au-cable-assembly-pe3w05762-100cm-p.aspx>

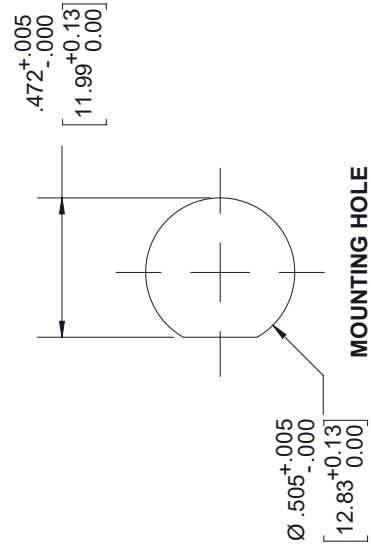
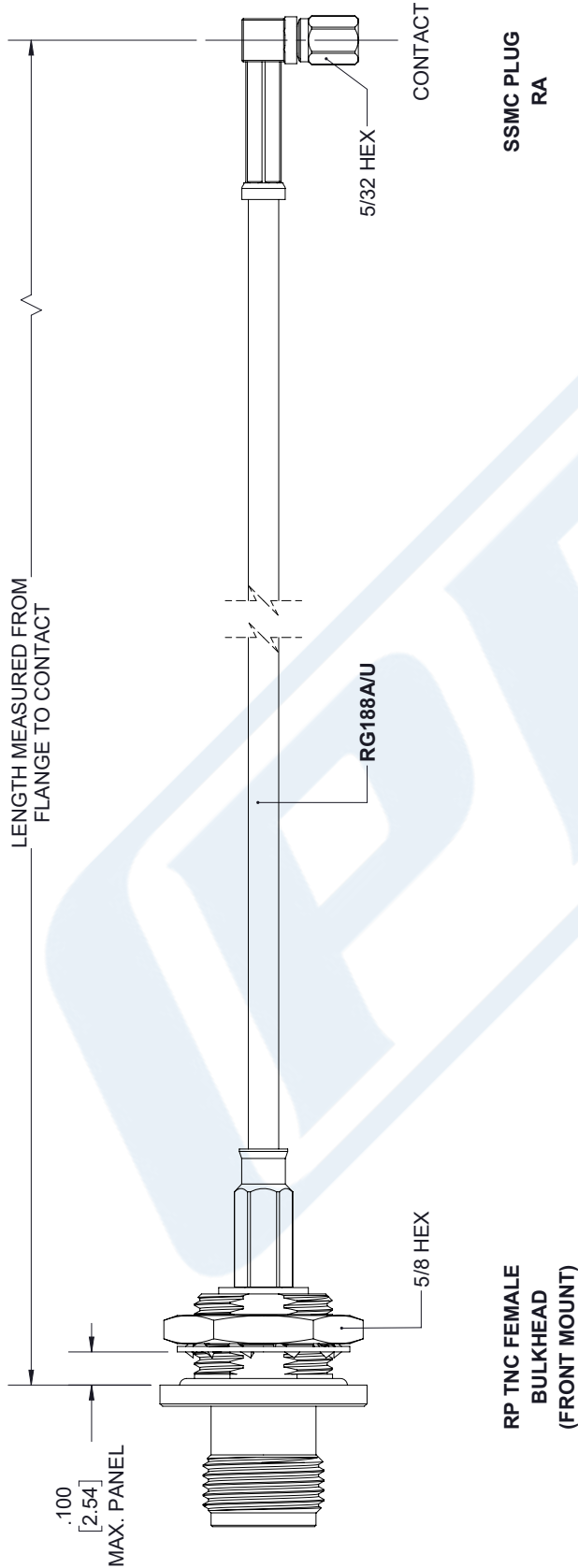
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PE3W05762-100CM CAD Drawing

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



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE 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	

PE PASTERNAK 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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