



SSMC Plug Right Angle to TNC Female Bulkhead  
Cable 150 cm Length Using RG178 Coax

**RF Cable Assemblies Technical Data Sheet**

**PE3W05518-150CM**

**Configuration**

- Connector 1: SSMC Plug Right Angle
- Connector 2: TNC Female Bulkhead
- Cable Type: RG178

**Features**

- FEP Jacket

**Applications**

- General Purpose
- Laboratory Use

**Description**

Pasternack's PE3W05518-150CM SSMC plug right angle to TNC female bulkhead 150 cm cable using RG178 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 SSMC to TNC cable assembly has a plug to female gender configuration with 50 ohm flexible RG178 coax. The right angle SSMC interface on the RG178 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.

**Mechanical Specifications**

**Cable Assembly**  
Length\*

59.05 in [149.99 cm]

**Cable**

Cable Type  
Impedance  
Inner Conductor Type  
Inner Conductor Material and Plating  
Dielectric Type  
Number of Shields  
Shield Layer 1  
Jacket Material  
Jacket Diameter

RG178  
50 Ohms  
Stranded  
Copper Clad Steel, Silver  
PTFE  
1  
Silver Plated Copper Braid  
FEP, Tan  
0.072 in [1.83 mm]

Repeated Minimum Bend Radius

0.4 in [10.16 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMC Plug Right Angle to TNC Female Bulkhead Cable 150 cm Length Using RG178 Coax PE3W05518-150CM](#)



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### Connectors

| Description                        | Connector 1            | Connector 2         |
|------------------------------------|------------------------|---------------------|
| Type                               | SSMC Plug Right Angle  | TNC Female Bulkhead |
| Impedance                          | 50 Ohms                | 50 Ohms             |
| Mating Cycles                      | 500                    |                     |
| Contact Material and Plating       | Beryllium Copper, Gold |                     |
| Contact Plating Specification      | MIL-G-45204            |                     |
| Dielectric Type                    | Teflon                 |                     |
| Body Material and Plating          | Brass, Gold            | Brass, Nickel       |
| 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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**PE3W05518-150CM**

**How to Order**

Part Number Configuration:

**PE3W05518**

- **xx**

**uu**

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

Example: PE3W05518-12 = 12 inches long cable  
PE3W05518-100cm = 100 cm long cable

SSMC Plug Right Angle to TNC Female Bulkhead Cable 150 cm Length Using RG178 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: [SSMC Plug Right Angle to TNC Female Bulkhead Cable 150 cm Length Using RG178 Coax PE3W05518-150CM](https://www.pasternack.com/ssmc-plug-tnc-female-rg178bu-cable-assembly-pe3w05518-150cm-p.aspx)

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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.

# PE3W05518-150CM CAD Drawing

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