



## SMP Female Right Angle to Straight Cut Lead Cable Using PE-047SR Coax

### RF Cable Assemblies Technical Data Sheet

**PE3C7805**

#### Configuration

- Connector 1: SMP Female Right Angle
- Connector 2: Straight Cut Lead
- Cable Type: PE-047SR

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C7805 50 ohm SMP female right angle to straight cut lead cable using PE-047SR coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. The right angle SMP interface on the PE-047SR cable allows for easier connections in tight spaces.

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

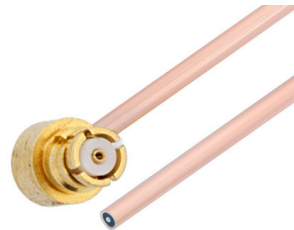
##### Cable Assembly

Weight 0.007 lbs [3.18 g]

##### Cable

Cable Type	PE-047SR
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor Material and Plating	Copper
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female Right Angle to Straight Cut Lead Cable Using PE-047SR Coax PE3C7805](#)



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#### Connectors

Description	Connector 1	Connector 2
Type	SMP Female Right Angle	Straight Cut Lead
Specification	MIL-STD-348	
Impedance	50 Ohms	0 Ohms
Contact Material and Plating	Beryllium Copper, Gold over Nickel	
Contact Plating Specification	50 $\mu$ in minimum	
Dielectric Type	PTFE	
Body Material and Plating	Beryllium Copper, Gold over Nickel	
Body Plating Specification	50 $\mu$ in minimum	

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

#### Plotted and Other Data

Notes:

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**PE3C7805**

#### How to Order

Part Number Configuration:

**PE3C7805**

- **xx**

**uu**

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

Example: PE3C7805-12 = 12 inches long cable  
PE3C7805-100cm = 100 cm long cable

SMP Female Right Angle to Straight Cut Lead Cable Using PE-047SR 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: [SMP Female Right Angle to Straight Cut Lead Cable Using PE-047SR Coax PE3C7805](#)

URL: <https://www.pasternack.com/smp-female-right-angle-to-straight-cut-lead-cable-using-pe-047sr-pe3c7805-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.

# PE3C7805 CAD Drawing

SMP Female Right Angle to Straight Cut Lead Cable Using PE-047SR Coax

