

## SSMC Plug Right Angle to Straight Cut Lead Cable Using RG178 Coax

### PE3C5489

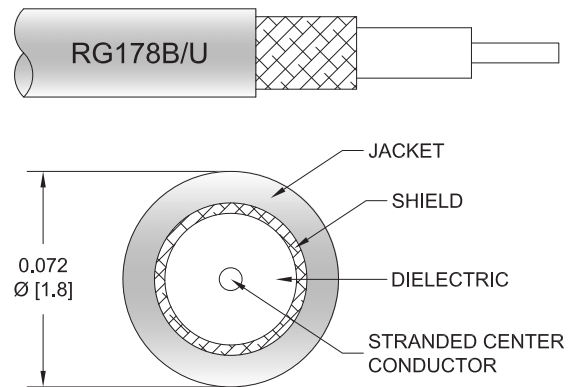


#### Configuration

- Connector 1: SSMC Plug Right Angle
- Connector 2: Straight Cut Lead
- Cable Type: RG178
- Coax Cable Group: 1
- Coax Flex Type: Flexible

#### Features

- 70% Phase Velocity
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C5489 50 ohm SSMC plug right angle to straight cut lead 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. The right angle SSMC interface on the RG178 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.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.007 lbs [3.18 g]

##### Cable

Cable Type RG178  
 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

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Jacket Material	FEP, Tan
Jacket Diameter	0.072 in [1.83 mm]
Repeated Minimum Bend Radius	0.4 in [10.16 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	SSMC Plug Right Angle	Straight Cut Lead
Impedance	50 Ohms	0 Ohms
Configuration	Right Angle	Straight
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	
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	

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:

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#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C5489**

**- xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C5489-12 = 12 inches long cable  
PE3C5489-100cm = 100 cm long cable

SSMC Plug Right Angle to Straight Cut Lead Cable 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 Straight Cut Lead Cable Using RG178 Coax PE3C5489](https://www.pasternack.com/ssmc-plug-right-angle-to-straight-cut-lead-cable-using-rg178-pe3c5489-p.aspx)

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The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3C5489 CAD Drawing

SSMC Plug Right Angle to Straight Cut Lead Cable Using RG178 Coax

