

## 75 Ohm Mini SMB Plug Right Angle Connector Crimp/ Solder Attachment for RG59B/U, RG62, RG71



### PE4996

#### Configuration

- Mini SMB Plug Connector
- MIL-STD-348
- 75 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG59B/U, RG62, RG71

#### Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4996 Right Angle, Mini SMB, Standard, Connector is part of our full line of RF components available for same-day shipping. Its right angle body geometry allows for easier connections in tight spaces.

Our 75 ohm Mini SMB plug right angle connector PE4996 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Impedance		75		Ohms

#### Mechanical Specifications

##### Size

Length	0.812 in [20.62 mm]
Width	0 in [0.00 mm]
Height	0.616 in [15.65 mm]
Weight	0.014 lbs [6.35 g]

#### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290

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#### Environmental Specifications

**Temperature**

Operating Range

-65 to +165 deg C

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

#### Plotted and Other Data

Notes:

75 Ohm Mini SMB Plug Right Angle Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 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.

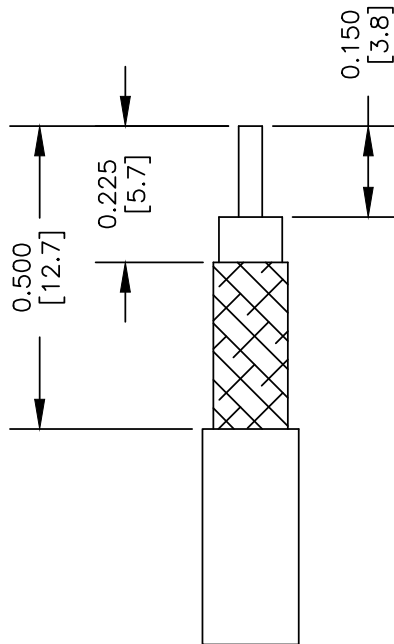
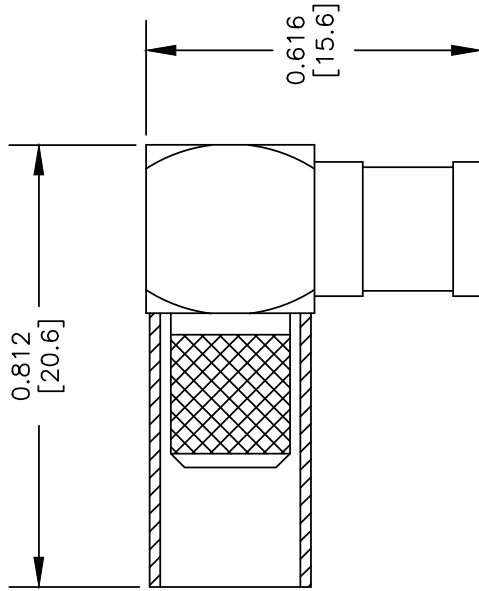
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Mini SMB Plug Right Angle Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71 PE4996](#)

URL: <https://www.pasternack.com/mini-smb-plug-rg59b-u-rg62-rg71-connector-pe4996-p.aspx>

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.

# PE4996 CAD Drawing

75 Ohm Mini SMB Plug Right Angle Connector Crimp/Solder Attachment for RG59B/U, RG62, RG71



### STRIPPING DIMENSIONS

### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS CAP DOWN.

### CRIMP SIZE REQUIRED

FERRULE: .255" HEX CRIMP TOOL



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DWG TITLE

**PE4996**

FSCM NO. 53919

CAD FILE 070102

SCALE N/A

SIZE A

XXXX

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES [mm].  
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.