



RP SMA Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4767

Configuration

- SMA Male Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG55, RG141, RG142, RG223, RG400
- 5/16 inch Hex

Features

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

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4767 RP SMA male connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle.

Our reverse polarity SMA male connector PE4767 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.

Mechanical Specifications

Size	
Length	0.94 in [23.88 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.312 in [7.92 mm]
Weight	0.009 lbs [4.08 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4767](#)



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Material Specifications

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

Environmental Specifications

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

Plotted and Other Data

Notes:

RP SMA Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 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.

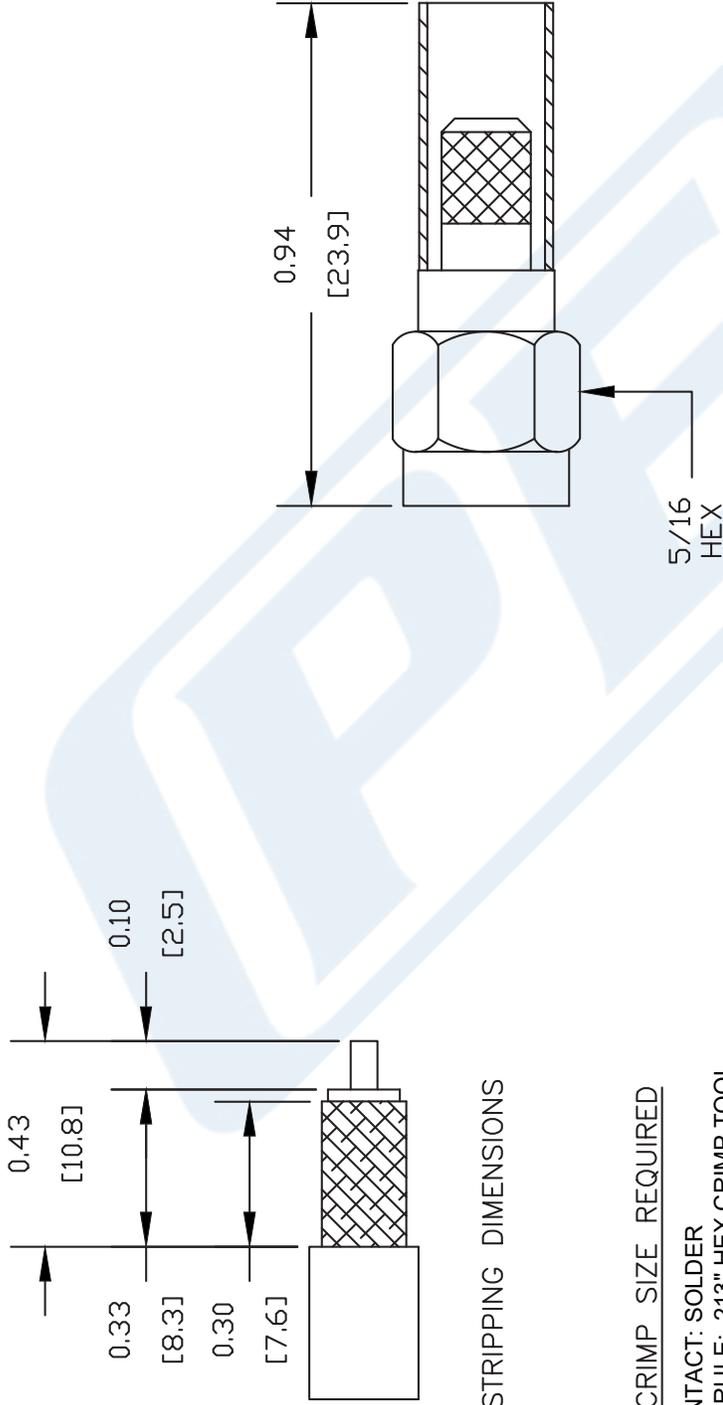
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4767](#)

URL: <https://www.pasternack.com/sma-male-reverse-polarity-rg55-rg141-rg142-rg223-rg400-connector-pe4767-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.

PE4767 CAD Drawing

RP SMA Male Connector Crimp/Solder Attachment for
RG55, RG141, RG142, RG223, RG400



DWG TITLE

PE4767

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.

REV. -

FSCM NO. 53919

CAD FILE 060602

SCALE N/A

SIZE A

127

PE PASTERNAK®

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N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4484

Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG55, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 1,000 MHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4484 type N male right angle connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 1,000 MHz and offers good VSWR of 1.5:1. Its right angle body geometry allows for easier connections in tight spaces.

Our type N male right angle connector PE4484 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
Frequency Range	DC		1,000	MHz
VSWR			1.5:1	
Operating Voltage (AC)			1,500	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance			1	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	90			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4484](#)



N Male Right Angle Connector Crimp/Solder Attachment
for RG55, RG141, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4484

Mechanical Specifications

Size

Length	1.8 in [45.72 mm]
Width/Dia.	1.29 in [32.77 mm]
Weight	0.127 lbs [57.61 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Vibration	MIL-STD-202, Method 204, Condition B
Temperature Cycle	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4484](#)



N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4484

Assembly Instruction

N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 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.

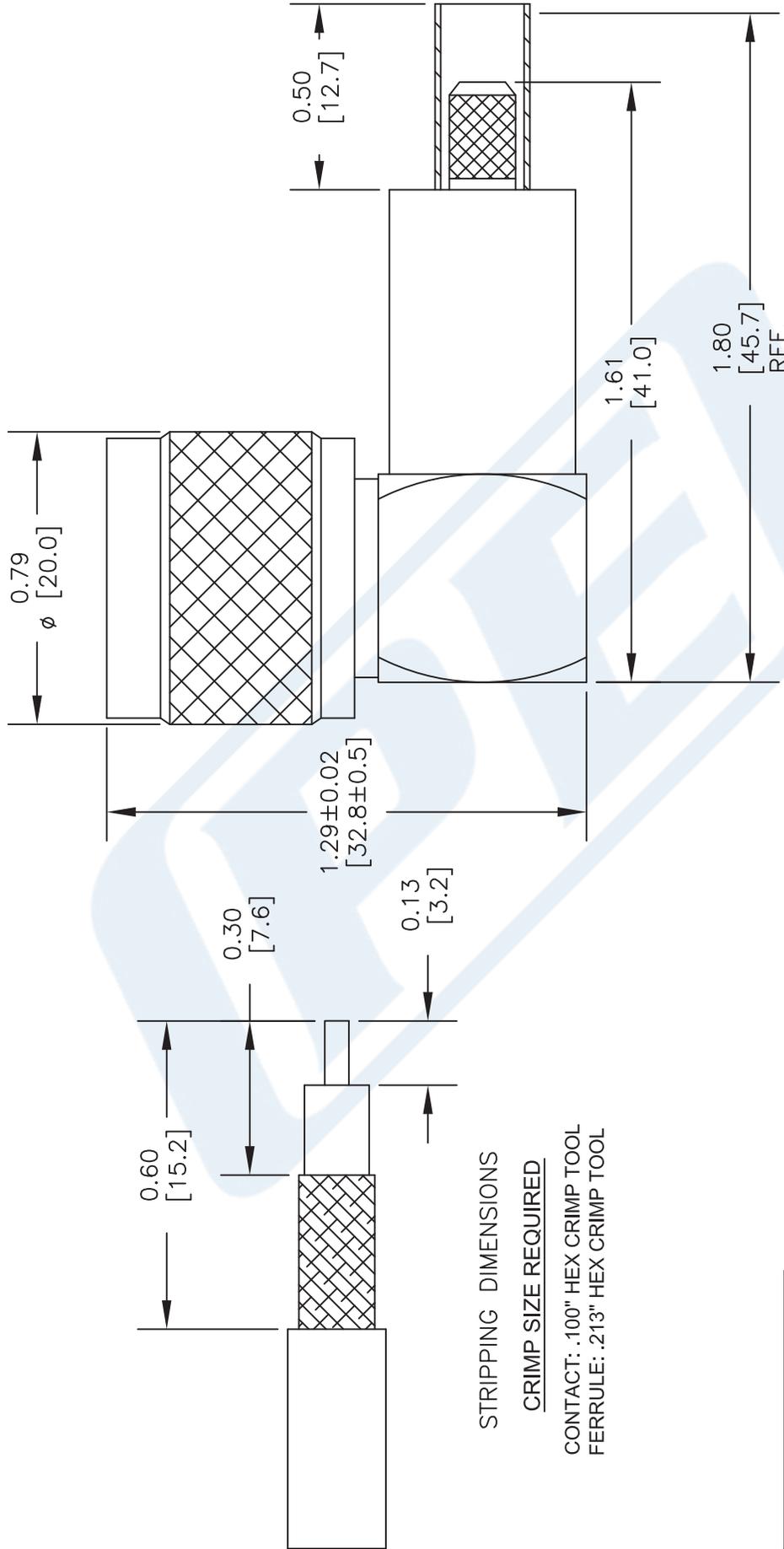
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4484](https://www.pasternack.com/n-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4484-p.aspx)

URL: <https://www.pasternack.com/n-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4484-p.aspx>

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PE4484 CAD Drawing

N Male Right Angle Connector Crimp/Solder Attachment
for RG55, RG141, RG142, RG223, RG400



STRIPPING DIMENSIONS
CRIMP SIZE REQUIRED

CONTACT: .100" HEX CRIMP TOOL
FERRULE: .213" HEX CRIMP TOOL

STANDARD TOLERANCES

- .X ±0.008
- .XX ±0.004
- .XXX ±0.002

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

DWG TITLE

PE4484

- NOTES:
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FSCM NO. 53919

CAD FILE 040416

SCALE N/A

SIZE A

3045


TECHNICAL DATA SHEET
RG400/U

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	FEP, Tan

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69.5
Maximum Operating Frequency, GHz	12.4
Capacitance, pF/ft [pF/m]	32 [104.99]
Maximum Operating Voltage, Volts	1,900

Electrical Specifications by Frequency
Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4.4 [14.44]

Frequency 2

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	14.7 [48.23]

Frequency 3

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	36 [118.11]

Frequency 4

Frequency, GHz	11
Attenuation, dB/100ft [dB/100m]	57.9 [189.96]

Mechanical Specifications
Temperature

Operating Range, deg C	-55 to +200
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Inner Conductor

Number of Strands	19
Material	Copper
Plating	Silver
Diameter, in [mm]	0.039 [0.99]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

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TECHNICAL DATA SHEET RG400/U

Dielectric:	
Type	PTFE
Diameter, in [mm]	0.116 [2.95]
Shield:	
Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.156 [3.96]
Jacket:	
Material	FEP
Diameter, in [mm]	0.195 [4.95]
Color	Tan
One Time Minimum Bend Radius, in [mm]	1 [25.4]
Weight, lbs/ft [Kg/m]	0.046 [0.07]

Compliance Certifications (visit www.Pasternack.com for current document)
 RoHS Compliant Yes

Plotted and Other Data
 Notes: Values at 25 °C, sea level

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

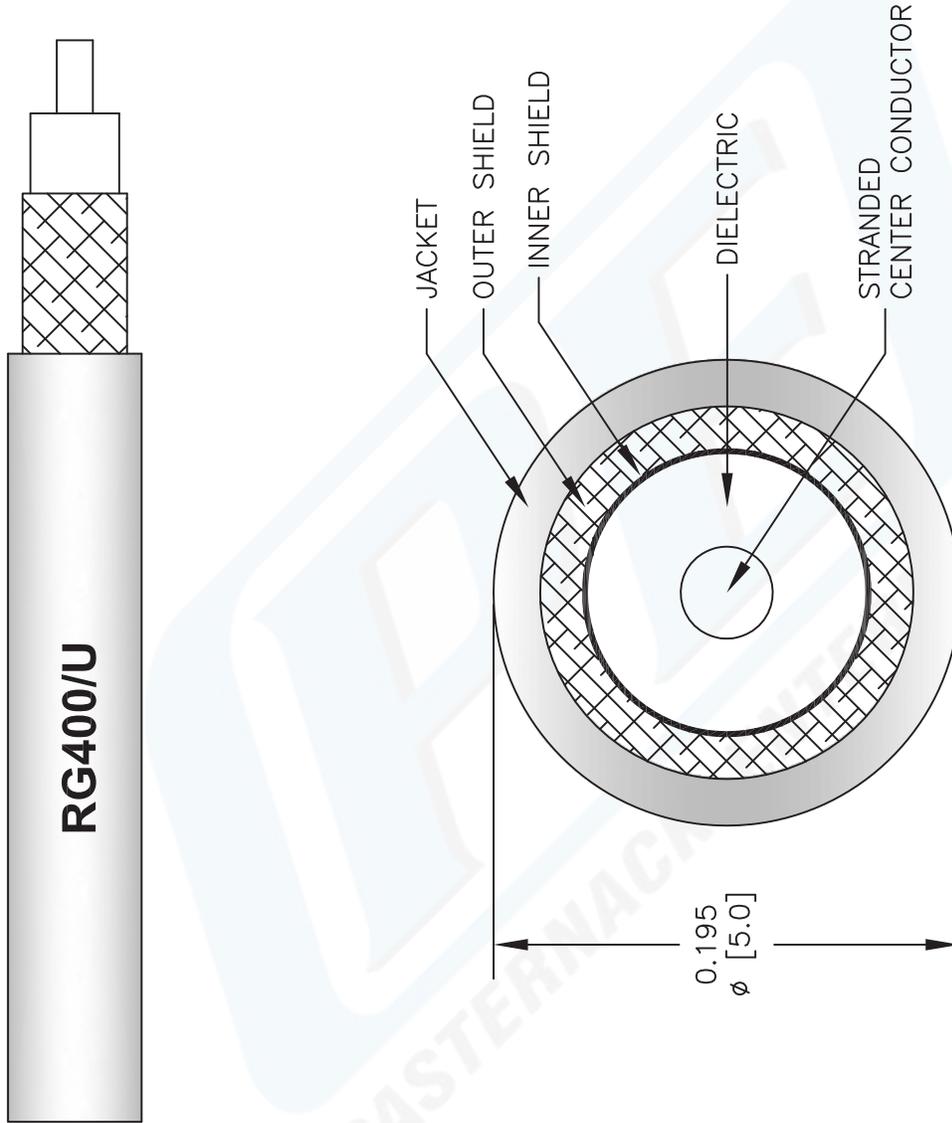
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

URL: <http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-p.aspx>

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RG400/U CAD Drawing

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket



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DWG TITLE

RG400/U

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 022908-A



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