



N Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing

RF Connectors Technical Data Sheet

PE44068

Configuration

- N Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG55, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment
- 4 Hole Flange

Features

- Max. Operating Frequency 11 GHz
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE44068 type N female 4 hole flange mount connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 (.718 inch hole spacing) is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 11 GHz. This type N 4 hole flange connector 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.

Our type N female 4 hole flange connector PE44068 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		11	GHz
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size

Length	1.375 in [34.93 mm]
Width/Dia.	1 in [25.40 mm]
Weight	0.074 lbs [33.57 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing PE44068](#)



N Female Connector Crimp/Solder Attachment
4 Hole Flange Mount for RG55, RG141, RG142,
RG223, RG400, .718 inch Hole Spacing

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Material Specifications

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

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

N Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

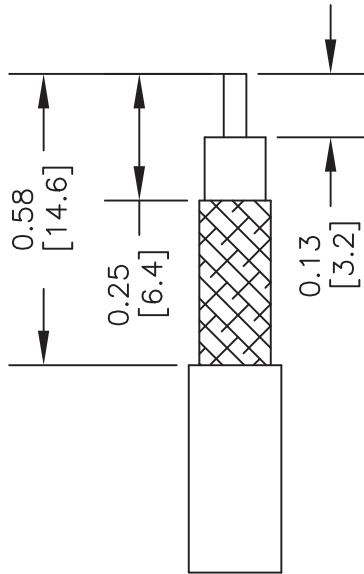
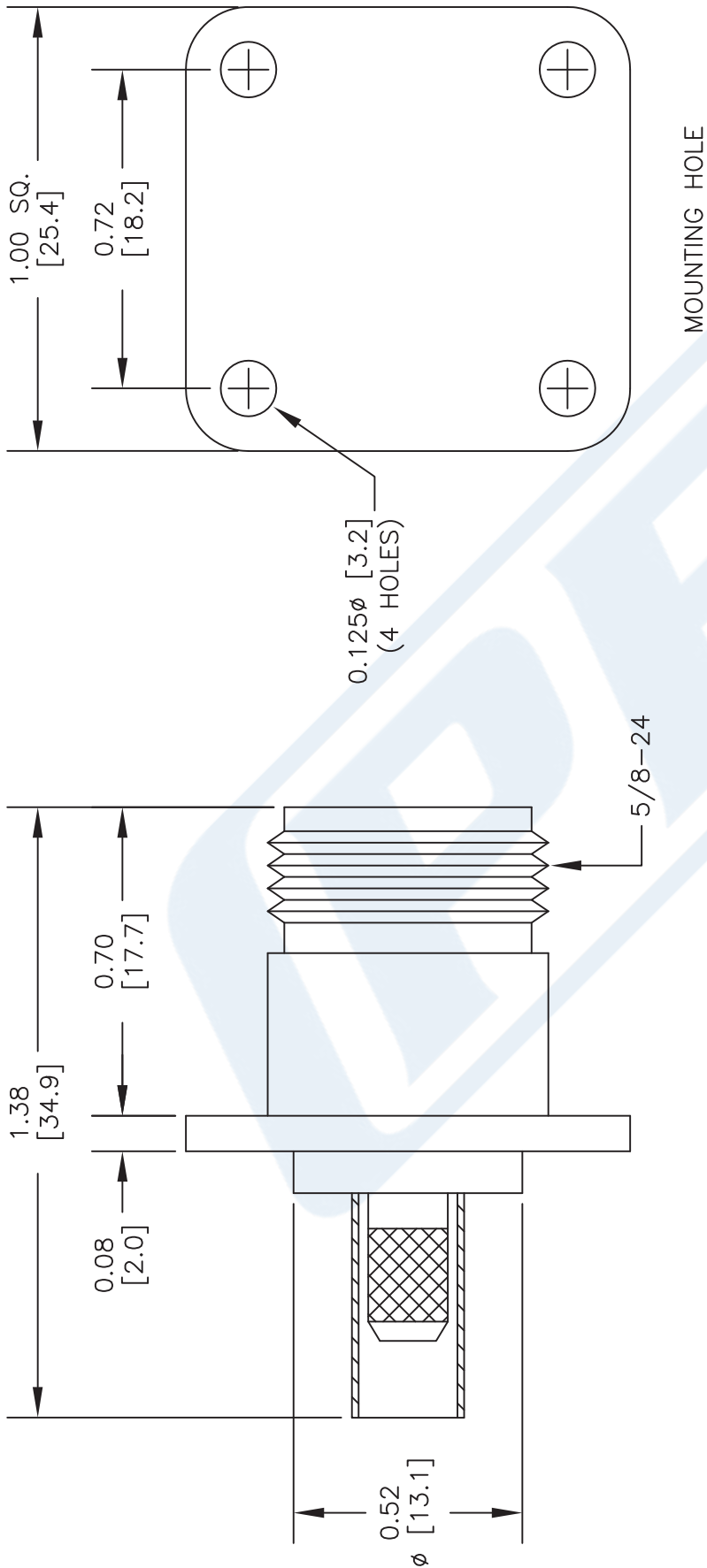
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing PE44068](#)

URL: <https://www.pasternack.com/n-female-standard-rg55-rg141-rg142-rg223-rg400-connector-pe44068-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.

PE44068 CAD Drawing

N Female Connector Crimp/Solder Attachment 4 Hole Flange Mount for
RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing



STRIPPING DIMENSIONS



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Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE

PE44068

FSCM NO. 53919

CAD FILE 062402

SCALE N/A

SIZE A

2233

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.



SMB Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400, .177 inch D Hole

RF Connectors Technical Data Sheet

PE44048

Configuration

- SMB Jack Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG55, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features

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

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE44048 SMB jack bulkhead connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 (.177 inch D hole) is part of our full line of RF components available for same-day shipping. This SMB bulkhead connector 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.

Our SMB jack bulkhead connector PE44048 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	0.975 in [24.77 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

Material Specifications

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400, .177 inch D Hole PE44048](#)



SMB Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400, .177 inch D Hole

RF Connectors Technical Data Sheet

PE44048

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

Plotted and Other Data

Notes:

SMB Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400, .177 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

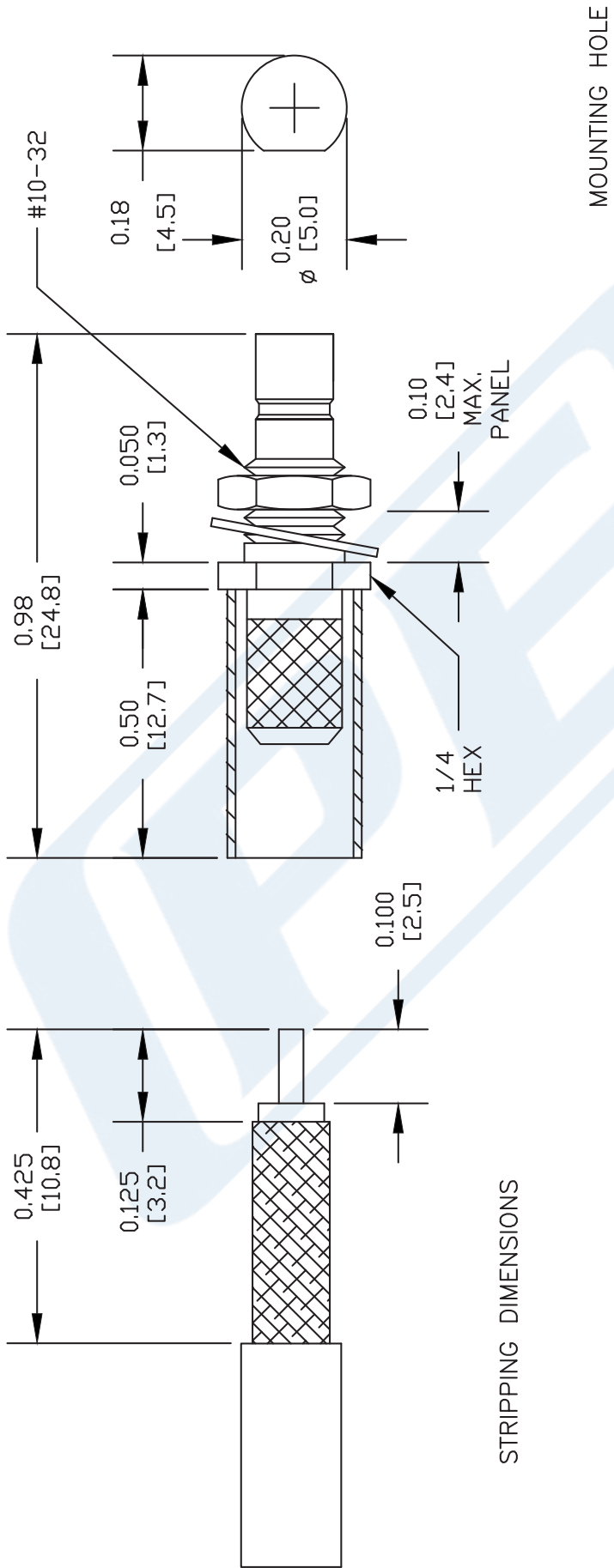
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400, .177 inch D Hole PE44048](#)

URL: <https://www.pasternack.com/smb-jack-standard-rg55-rg142-rg223-rg400-connector-pe44048-p.aspx>

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PE44048 CAD Drawing

SMB Jack Bulkhead Mount Connector Crimp/Solder Attachment for
RG55, RG141, RG142, RG223, RG400, .177 inch D Hole



CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .213" HEX CRIMP TOOL

PE PASTERNAK®
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DWG TITLE
PE44048
FSCM NO. 53919

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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD FILE 020613-A SCALE N/A SIZE A 2233

53 Ohm Flexible RG55 Coax Cable Double
Shielded with Black PE Jacket

TECHNICAL DATA SHEET

RG55B/U

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PE
Shield Materials	Tinned Copper Braid, Tinned Copper Braid
Jacket Material and Color	PE, Black

Electrical Specifications

Impedance, Ohms	53
Velocity of Propagation, %	66
Maximum Operating Frequency, GHz	3
Capacitance, pF/ft [pF/m]	28.8 [94.49]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	1.35 [4.43]

Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4.3 [14.11]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	16.5 [54.13]

Frequency 4

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	32 [104.99]

Mechanical Specifications

Inner Conductor

Number of Strands	1
Material	Copper
Plating	Silver
Diameter, in [mm]	0.032 [0.81]

Dielectric:

Type	PE
Diameter, in [mm]	0.116 [2.95]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket RG55B/U](#)

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53 Ohm Flexible RG55 Coax Cable Double
Shielded with Black PE Jacket

TECHNICAL DATA SHEET

RG55B/U

Shield:

Number of	2
Material 1	Tinned Copper Braid
Material 2	Tinned Copper Braid

Jacket:

Material	PE
Diameter, in [mm]	0.202 [5.13]
Color	Black
Weight, lbs/ft [Kg/m]	0.035 [0.05]

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

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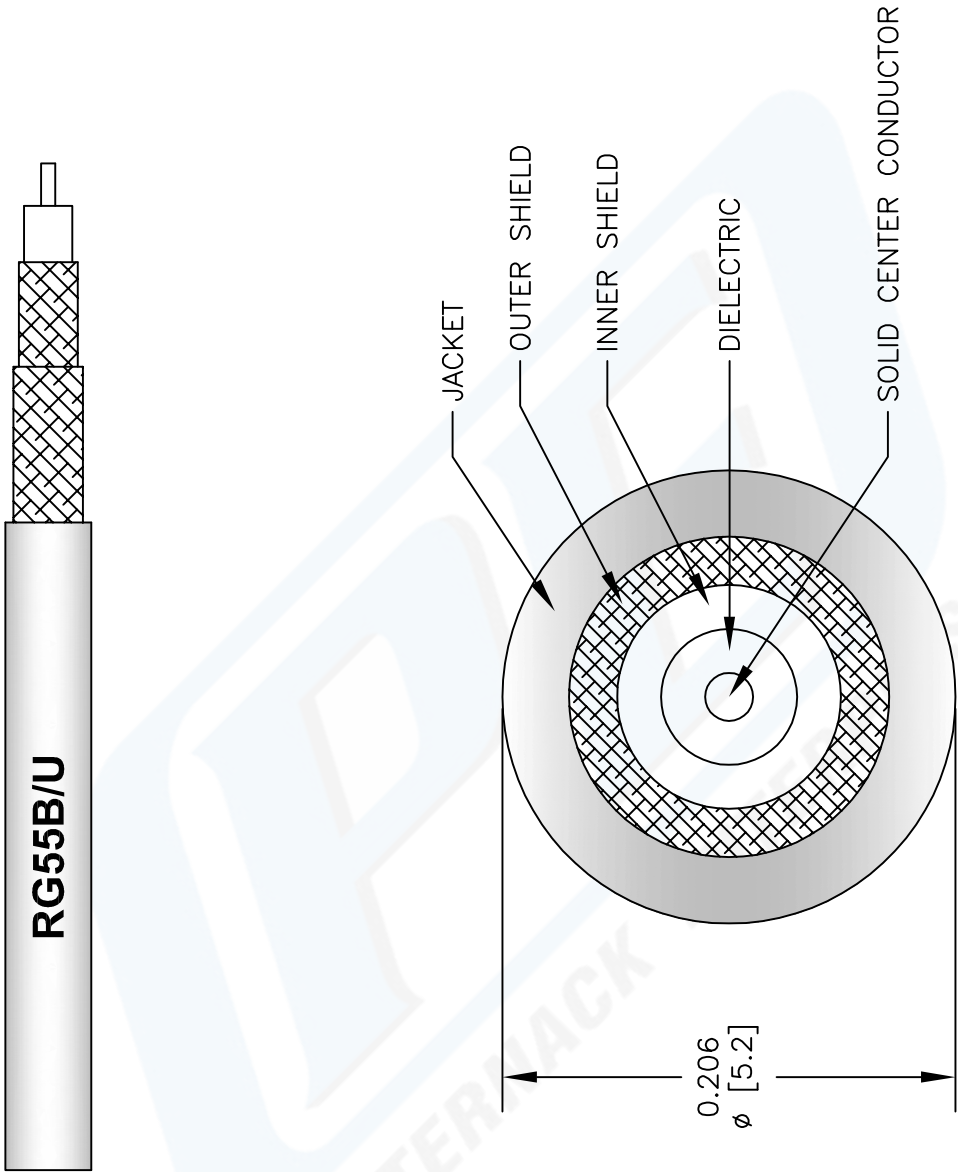
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URL: <http://www.pasternack.com/flexible-0.206-rg55-53.5-ohm-coax-cable-pe-jacket-rg55b-u-p.aspx>

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RG55B/U CAD Drawing

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket



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DWG TITLE
RG55B/U

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CAD FILE 040113-A | SCALE N/A | SIZE A | 147