

UHF Female Connector Clamp/Solder Attachment
 for RG58, RG55, RG141, RG142, RG223, RG400,
 RG303, PE-C195, PE-P195, LMR-195



RF Connectors Technical Data Sheet

PE44056

Configuration

- UHF Female Connector
- 50 Ohms
- Straight Body Geometry

- RG58, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 Interface Type
- Clamp/Solder Attachment

Features

- Gold Plated Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44056 UHF female connector with clamp/solder attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195 and LMR-195 is part of our full line of RF components available for same-day shipping.

Our UHF female connector PE44056 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
 Width/Dia.

1.46 in [37.08 mm]

0.63 in [16.00 mm]

Weight

0.055 lbs [24.95 g]

Material Specifications

Description	Material	Plating
Contact		Gold
Insulation	PTFE	
Body	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Female Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 PE44056](#)



UHF Female Connector Clamp/Solder Attachment
for RG58, RG55, RG141, RG142, RG223, RG400,
RG303, PE-C195, PE-P195, LMR-195

RF Connectors Technical Data Sheet

PE44056

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

Plotted and Other Data

Notes:

UHF Female Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 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.

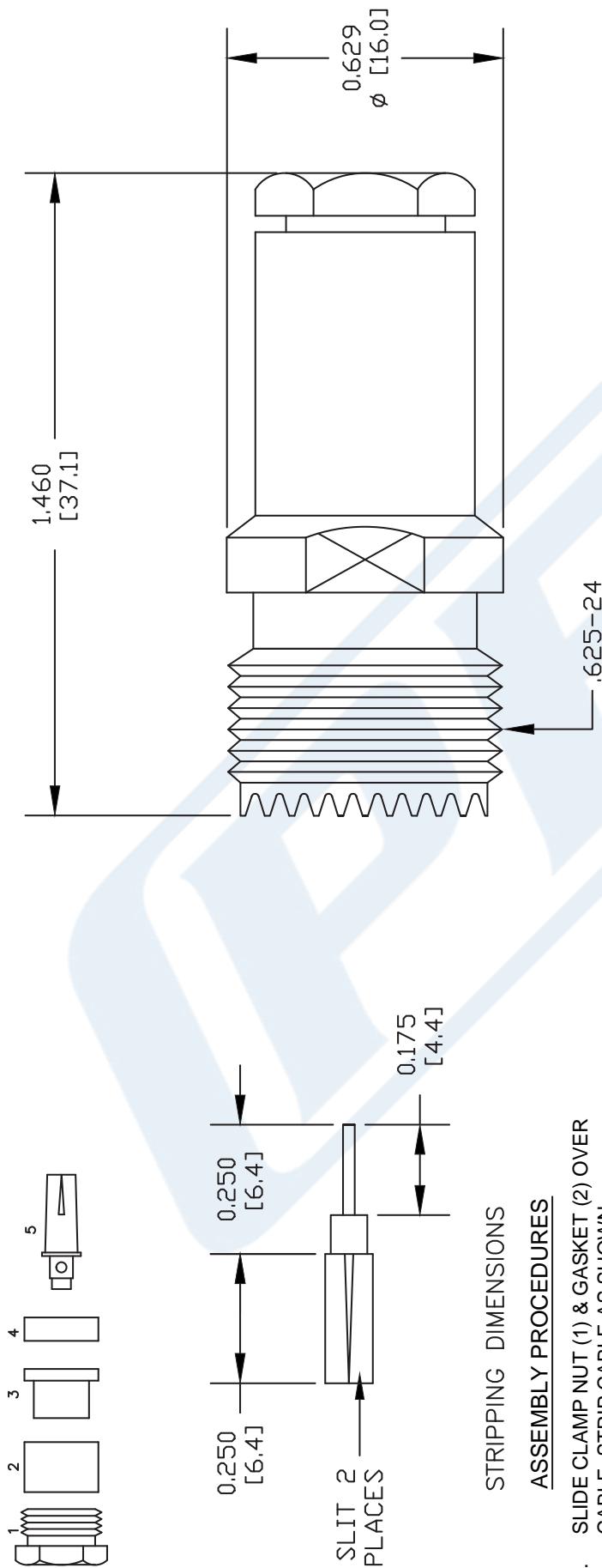
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Female Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195 PE44056](#)

URL: <https://www.pasternack.com/uhf-female-standard-rg58-rg55-rg141-rg142-rg223-rg400-connector-pe44056-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.

PE44056 CAD Drawing

UHF Female Connector Clamp/Solder Attachment for RG58, RG55, RG141,
RG142, RG223, RG400, RG303, PE-C195, PE-P195, LMR-195



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.

PASTERNACK [®]	DWG TITLE
Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623	PE44056
Phone: (949) 261-1920 Fax: (949) 261-7451	
Website: www.pasternack.com E-Mail: sales@pasternack.com	FSCM NO. 53919 CAD FILE 062402 SCALE N/A SIZE A xxxx



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

RF Connectors Technical Data Sheet

PE4002

Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry

- RG55, RG142, RG223, RG400, RG141 Interface Type
- Crimp/Solder Attachment
- 5/16 inch Hex

Features

- Max. Operating Frequency 12.4 GHz
- Excellent VSWR of 1.23:1

- Gold Plated Brass Contact
- 50 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4002 SMA male right angle connector with crimp/solder attachment for RG55, RG142, RG223, RG400 and RG141 is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 12.4 GHz and offers excellent VSWR of 1.23:1. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA male right angle connector PE4002 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		12.4	GHz
VSWR			1.23:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	0.762 in [19.35 mm]
Width/Dia.	0.315 in [8.00 mm]
Height	0.65 in [16.51 mm]
Weight	0.019 lbs [8.62 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: [SMA Male Right Angle Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, RG141 PE4002](#)



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

RF Connectors Technical Data Sheet

PE4002

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50 μ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in minimum
Coupling Nut	Brass	Nickel 100 μ in minimum
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

SMA Male Right Angle Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, RG141 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: [SMA Male Right Angle Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, RG141 PE4002](#)

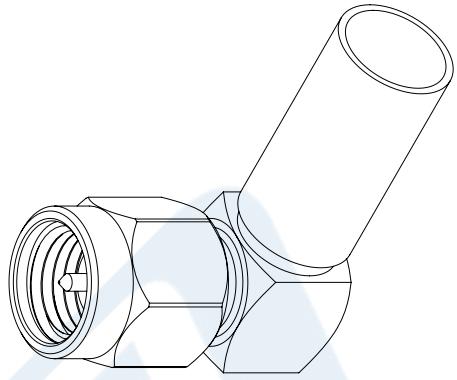
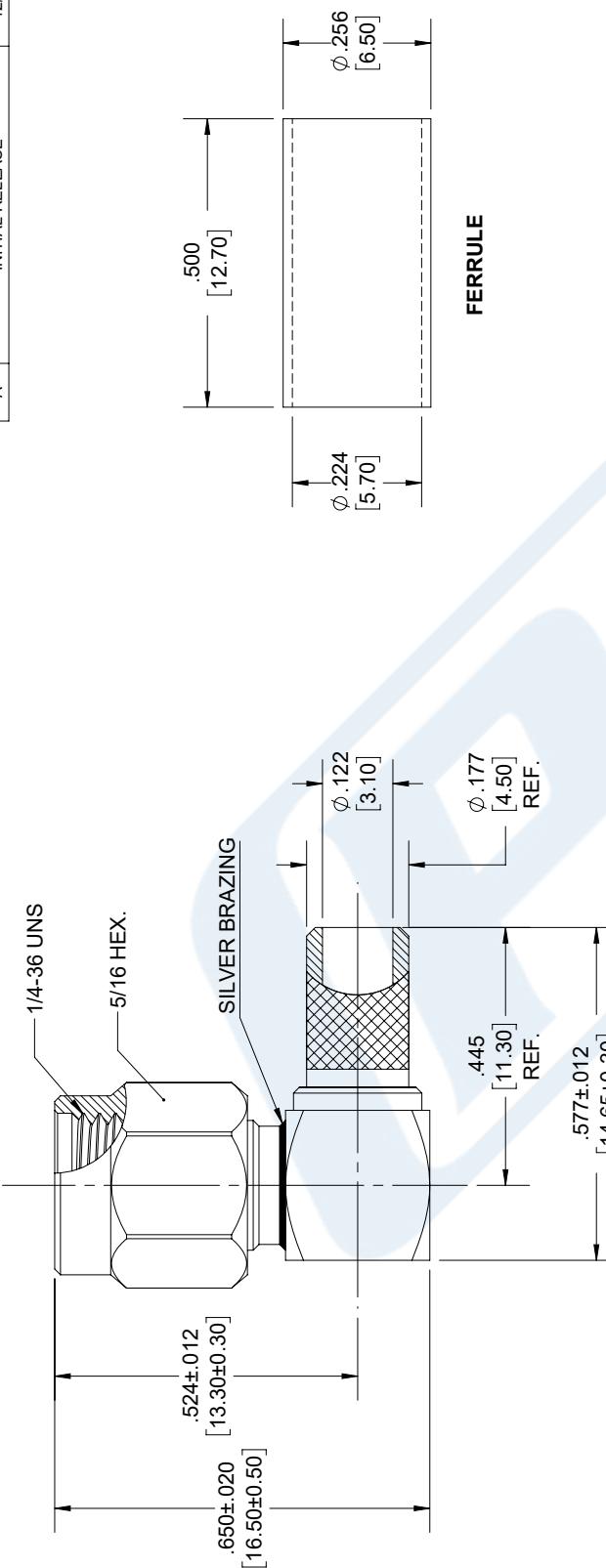
URL: <https://www.pasternack.com/sma-male-standard-rg55-rg142-rg223-rg400-connector-pe4002-p.aspx>

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PE4002 CAD Drawing

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	12/13/18	SELLIS



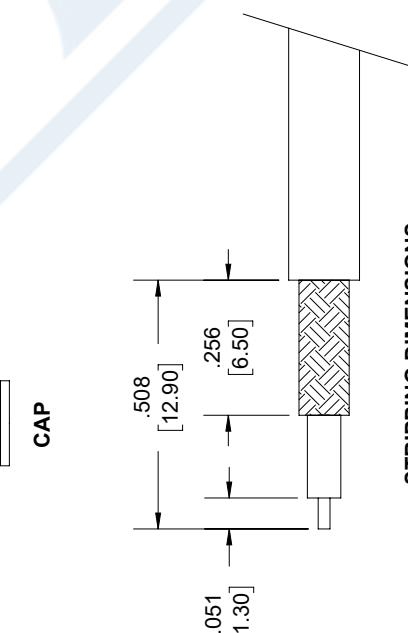
STRIPPING DIMENSIONS

NOTES:

1. CABLE ATTACHMENT:

- OUTER: CRIMP.
- INNER: SOLDER.
- CRIMP SIZE REQUIRED:

2. FERRULE: 22115601HE



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		SHEET	1	OF	1
<small>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN MM ARE MILLIMETERS</small>		<small>Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451</small>			
<small>TOLERANCES</small>		<small>FRACTIONS $X\pm\epsilon$: .2 [5/8] $X\pm\epsilon$: .01 [1/25] $X\pm\epsilon$: .005 [1/13] ANGLES $\pm 1^\circ$</small>			
<small>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</small>		<small>www.pasternack.com e-mail: sales@pasternack.com</small>			
SIZE	CAGE	DRAWN BY	REV	PART NUMBER	
A	53919	KDANG	A	PE4002	
<small>THIRD-ANGLE PROJECTION</small>					

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Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

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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Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

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.

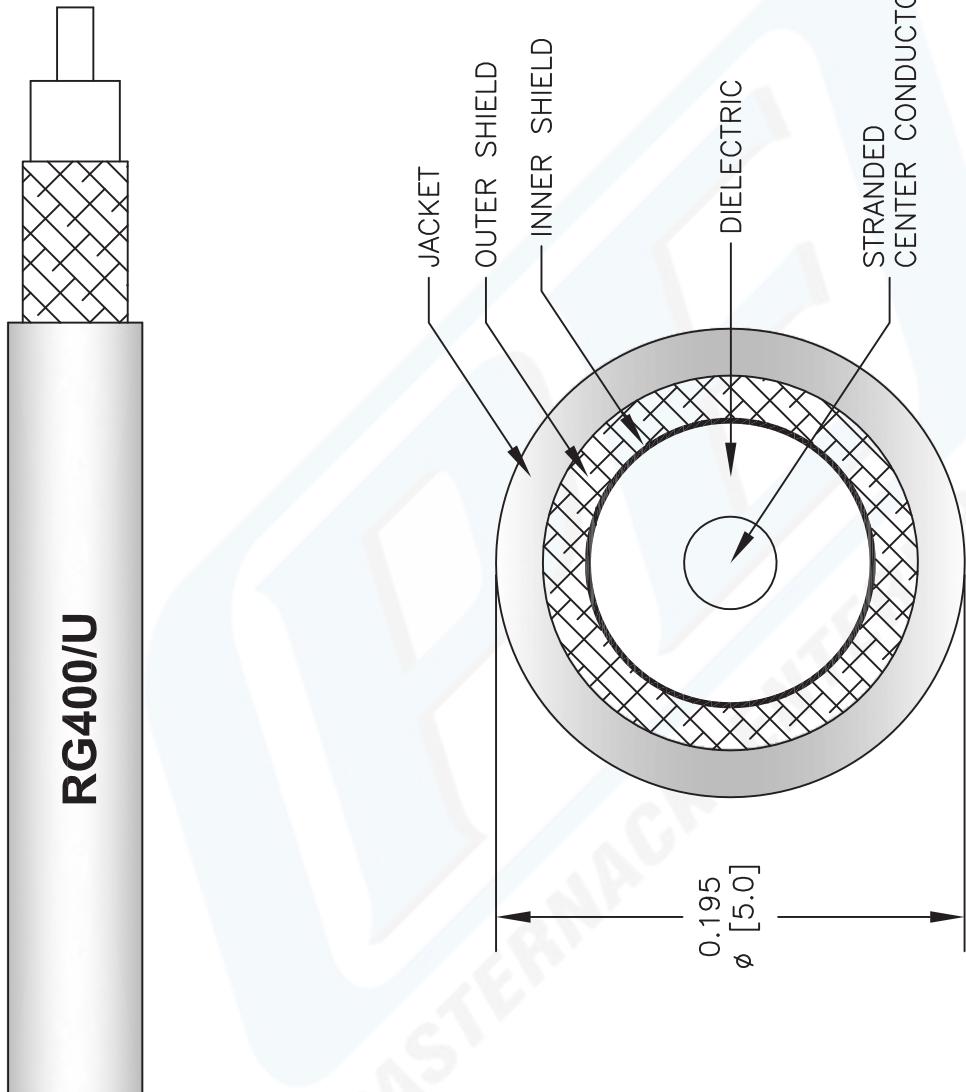
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-p.aspx)

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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3. DIMENSIONS ARE IN INCHES [mm].

PASTERNACK®	DWG TITLE	RG400/U		
FSCM NO.	CAD FILE	02908-A	SCALE	SIZE A
				2233

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