



QN Male Right Angle Connector Crimp/Solder
Attachment For RG55, RG142, RG223, RG400

TECHNICAL DATA SHEET

PE44600

QN Male Right Angle Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400

Configuration

Connector	QN Male
Connector Interface Type	RG55, RG142, RG223, RG400
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

Electrical Specifications

Frequency Range, GHz	DC to 11
Impedance, Ohms	50
Maximum Operating Voltage, Volts	1,000
Dielectric Withstanding Voltage, Vrms	2,500

Frequency 1

Frequency, GHz	DC to 2.5
VSWR	1.05:1
Return Loss, dB	32
Insertion Loss, dB	0.079

Frequency 2

Frequency, GHz	2.5 to 4
VSWR	1.15:1
Return Loss, dB	23
Insertion Loss, dB	0.1

Frequency 3

Frequency, GHz	4 to 6
VSWR	1.11:1
Return Loss, dB	20
Insertion Loss, dB	0.12

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +125
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Size

Length, in [mm]	0.894 [22.71]
Width/Dia., in [mm]	0.745 [19]
Weight, lbs [g]	0.137 [62.14]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QN Male Right Angle Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 PE44600](#)

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.

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Connector

Type	QN Male
Contact Material and Plating	Brass, Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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QN Male Right Angle Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 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: [QN Male Right Angle Connector Crimp/Solder Attachment For RG55, RG142, RG223, RG400 PE44600](http://www.pasternack.com/qn-male-standard-rg55-rg142-rg223-rg400-connector-pe44600-p.aspx)

URL: <http://www.pasternack.com/qn-male-standard-rg55-rg142-rg223-rg400-connector-pe44600-p.aspx>

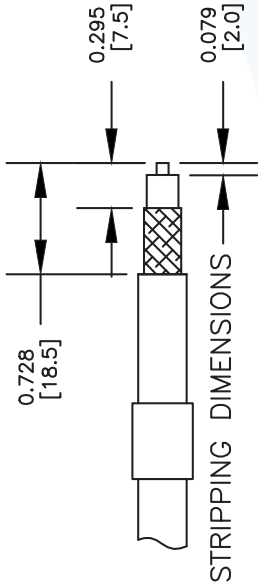
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PE44600 CAD Drawing

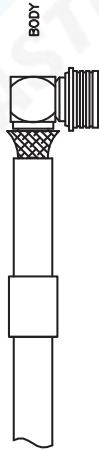
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ASSEMBLY PROCEDURES

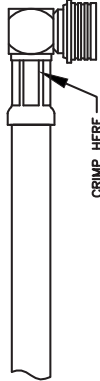
1. STRIP CABLE AS SHOWN.
SLIDE FERRULE OVER CABLE.



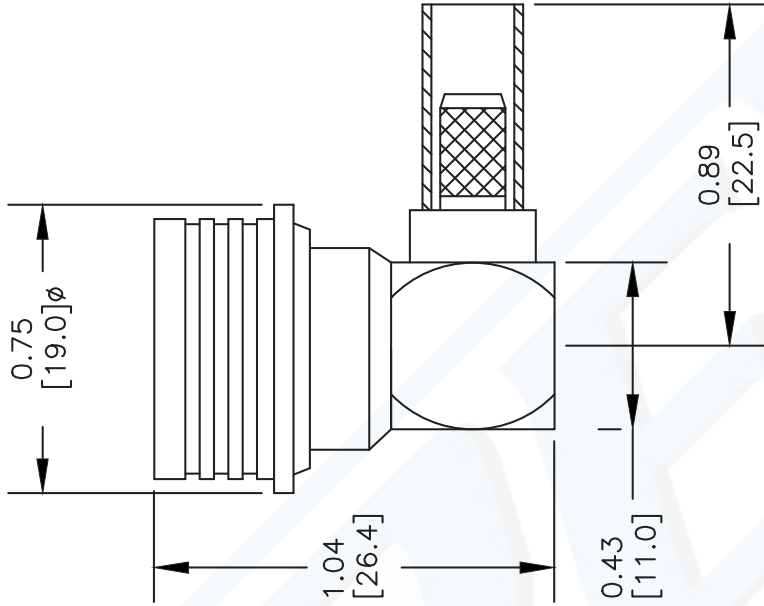
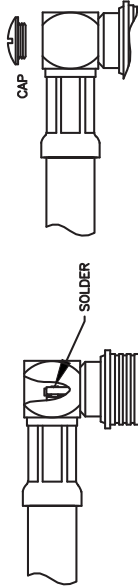
2. FLAIR BRAID AND INSERT THE STRIPPED
CABLE INTO BODY AND POSITION THE CENTER
CONDUCTOR IN THE SLOT OF THE CENTER
PIN.



3. SLIDE FERRULE OVER BRAID UP TO THE
CONNECTOR BODY AND CRIMP AS CLOSE TO
THE CONNECTOR BODY AS POSSIBLE USING
A .213" HEX CRIMP TOOL.



4. SOLDER THE CENTER CONDUCTOR OF THE
CABLE TO THE CENTER PIN. TIGHTEN DOWN
THE CAP INTO THE REAR APERTURE OF THE
BODY.



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.

DWG TITLE

PE44600

FSCM NO. 53919

CAD FILE 061608

SCALE N/A

SIZE A

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P **PASTERNAK®**

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