



QN Male Snap-On Connector Crimp/Solder Attachment for LMR-240, PE-C240

RF Connectors Technical Data Sheet

PE45222

Configuration

- Snap-On QN Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-240, PE-C240 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.2:1
- Silver Plated Brass Contact
- Operates to 6 GHz
- Quick Locking Snap On Connection
- Reduced connector to connector spacing
- 100 mating cycles
- No torque wrench required
- 360 degree rotation capability

Applications

- General Purpose Test
- Custom Cable Assemblies
- Telecommunication system
- Rack and Panel Mount Applications
- High connection density systems

Description

Pasternack's PE45222 QN male snap-on connector with crimp/solder attachment for LMR-240 and PE-C240 is part of our full line of RF components available for same-day shipping. Our QN male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.2:1. Pasternack's PE45222 Snap-On QN Male connector is part of our full line of RF connectors available for same-day shipping. Our Male QN connector operates to 6 GHz. The PE45222 provides excellent VSWR of 1.2:1 maximum to 6 GHz. The PE45222 Pasternack RF connector is designed for use with LMR-240 and PE-C240 and is attached to the body using a crimp connection and the center contact employs a solder connection.

QN connectors allow for an easy snap-on connection that securely locks in place for an easy mating reliable connection. In addition to the time savings offered by the Snap-On interface the QN interface allow for a tighter density than a Threaded N interface which requires the use of a torque wrench to properly complete the connection. The QN interface is operational to 6 GHz when used on LMR-240 Coaxial cable. This QN connector is QLF approved and insures intermateability with other QLF QN products.

Our QN male connector PE45222 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		6	GHz
VSWR			1.2:1	
Insertion Loss			0.12	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QN Male Snap-On Connector Crimp/Solder Attachment for LMR-240, PE-C240 PE45222](#)



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Electrical Specification Notes:
Insertion Loss Calculation: .048 vF(GHz) dB

Mechanical Specifications

Size

Length	1.38 in [35.05 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.042 lbs [19.05 g]
Mating Cycles	100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range	-55 to +125 deg C
Hermetic Seal	ATM. cm3/s

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

Plotted and Other Data

Notes:

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QN Male Snap-On Connector Crimp/Solder Attachment for LMR-240, PE-C240 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.

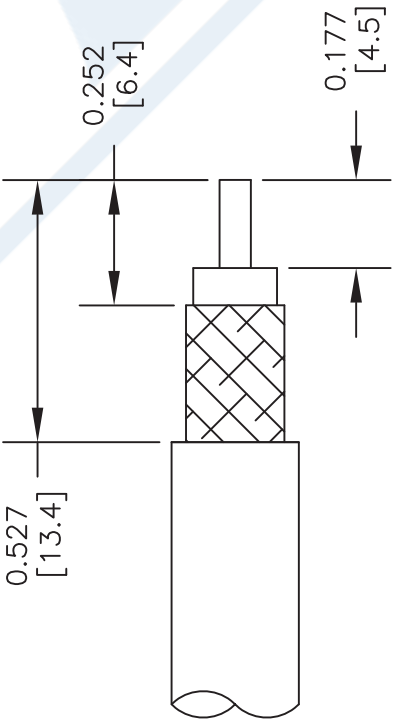
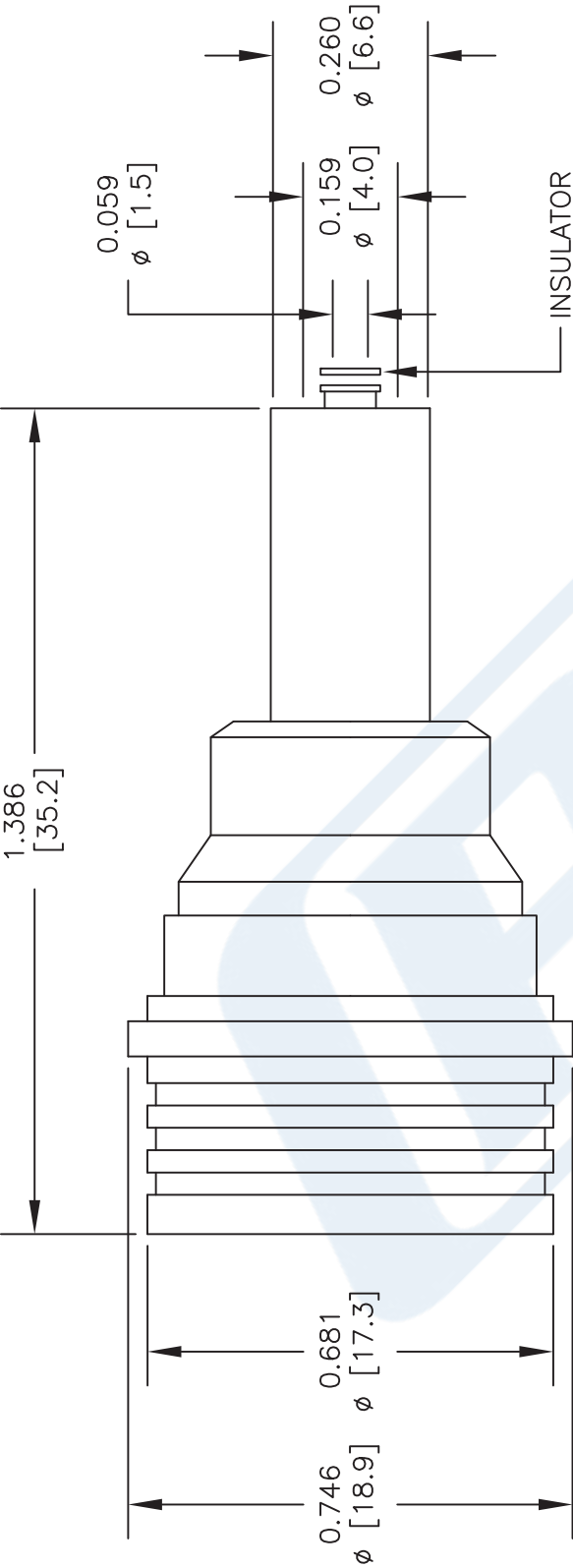
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [QN Male Snap-On Connector Crimp/Solder Attachment for LMR-240, PE-C240 PE45222](https://www.pasternack.com/qn-male-snap-on-lmr-240-pe-c240-connector-pe45222-p.aspx)

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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.

PE45222 CAD Drawing

QN Male Snap-On Connector Crimp/Solder Attachment for LMR-240, PE-C240



STRIPPING DIMENSIONS
CRIMP SIZE REQUIRED
CONTACT: SOLDER
FERRULE: .255" HEX CRIMP TOOL

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
PE45222

PE PASTERNAK®
THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 022516

SCALE N/A

SIZE A

2233