

## QN Male Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402



### PE44599

#### Configuration

- QN Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR402AL, PE-SR402FL, RG402

#### Features

- Max. Operating Frequency 6 GHz
- PIM levels lower than -160 dBc
- Silver Plated Brass Copper Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE44599 , QN, Standard, Connector 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. The QN male connector also has low passive intermodulation of -160 dBc.

Our QN male connector PE44599 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
Passive Intermodulation		-160		
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.15:1	1.25:1				

#### Mechanical Specifications

##### Size

Length	0.992 in [25.2 mm]
Width	0.748 in [19.00 mm]
Weight	0.0375 lbs [17.01 g]

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**Material Specifications**

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

**Environmental Specifications**

**Temperature**

Operating Range -40 to +155 deg C

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

**Plotted and Other Data**

Notes:

QN Male Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 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 Connector Solder Attachment For PE-SR402AL, PE-SR402FL, RG402 PE44599](#)

URL: <https://www.pasternack.com/qn-male-standard-pe-sr402al-pe-sr402fl-rg402-connector-pe44599-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE44599 CAD Drawing

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