

QN Plug Right Angle Connector Crimp/Solder Attachment for RG214, RG225, RG393, RG9



PE51262

Configuration

- QN Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG214, RG225, RG393, RG9

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.2:1
- Gold Plated Brass Contact
- 4 µin Minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE51262 Right Angle, QN, Standard, Connector is part of our full line of RF components available for same-day shipping. Our QN plug connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.2:1. Its right angle body geometry allows for easier connections in tight spaces.

Our QN plug right angle connector PE51262 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		3	GHz
VSWR			1.2:1	
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1.5	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Electrical Specification Notes:

Insertion loss is $\leq 0.05 \times \sqrt{F(\text{GHz})}$ dB

Mechanical Specifications

Size

Length	1.185039 in [30.1 mm]
Width	0.744094 in [18.9 mm]
Height	1.066929 in [27.1 mm]
Weight	0.11023 lbs [50 g]
Mating Cycles	100 Cycles
Cable Retention Force	101 lbs [45.81 kg]
Engagement Force	6.75lbs [3.06kg]
Disengagement Force	6.75lbs [3.06kg]

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 4 µin Minimum
Insulation	PTFE	
Body	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum
Coupling Nut	Brass	Copper-Tin-Zinc Alloy 100 µin Minimum
Gasket	Silicone	
Crimp Sleeve	Copper	Gold 4 µin Minimum
Washer	Beryllium Copper	Gold 4 µin Minimum

Environmental Specifications

Temperature

Operating Range

-40 to +125 deg C

Thermal Shock

MIL-STD-202, Method 213, Condition 1

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

Plotted and Other Data

Notes:

QN Plug Right Angle Connector Crimp/Solder Attachment for RG214, RG225, RG393, RG9 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 Plug Right Angle Connector Crimp/Solder Attachment for RG214, RG225, RG393, RG9 PE51262](#)

URL: <https://www.pasternack.com/qn-plug-rg214-rg225-rg393-rg9-connector-pe51262-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.

PE51262 CAD Drawing

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