

N Female Bulkhead Mount Connector Crimp/
Solder Attachment for RG214, RG9, RG225,
and RG393, Hole Size 0.535 X 0.640 inch



PE910031

Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG214, RG9, RG225, RG393
- Bulkhead

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.2:1
- Gold over Nickel over Copper Plated Bronze Contact
- IP67 Mated

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.2:1	
Insertion Loss			0.122	dB
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	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.476 in [37.49 mm]
Width	0.827 in [21.01 mm]
Height	0.827 in [21.01 mm]
Weight	0.095 lbs [43.09 g]
Mating Cycles	500 Cycles
Mating Torque	6 to 10 in-lbs [[0.68 to 1.13 Nm]]

Material Specifications

Description	Material	Plating
Contact	Bronze	Gold over Nickel over Copper
Insulation	Teflon	
Body	Brass	Copper-Tin-Zinc Alloy
Gasket	Silicone	
Crimp Sleeve	Copper	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy

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Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Ingress Protection (IP) Rating

IP67 Mated

Humidity

MIL-STD-202, Method 106

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

Notes:

N Female Bulkhead Mount Connector Crimp/Solder Attachment for RG214, RG9, RG225, and RG393, Hole Size 0.535 X 0.640 inch 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: [N Female Bulkhead Mount Connector Crimp/Solder Attachment for RG214, RG9, RG225, and RG393, Hole Size 0.535 X 0.640 inch PE910031](#)

URL: <https://www.pasternack.com/n-female-rg214-rg9-rg225-rg393-connector-pe910031.html>

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PE910031 CAD Drawing

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