

N Female Bulkhead Mount Connector Clamp/
Solder Attachment for RG58, RG55, RG141, RG142,
RG223, and RG400, D Hole 0.177 X 0.193 inch



PE910030

Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG58, RG55, RG141, RG142, RG223, RG400
- Bulkhead

Features

- Max. Operating Frequency 10 GHz
- Good VSWR of 1.3:1
- Gold over Nickel over Copper Plated Brass Contact

Applications

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

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
VSWR			1.3:1	
Insertion Loss			0.316	dB
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Inner Conductor DC Resistance			5	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	10,000			MOhms
RF Leakage	90			dB
Impedance		50		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 4	4 to 10				GHz
VSWR, Max	1.2:1	1.3:1				
Insertion Loss, Max	0.2	0.316				dB

Mechanical Specifications

Size

Length	0.59 in [14.99 mm]
Width	0.315 in [8 mm]
Height	0.315 in [8 mm]
Weight	0.005 lbs [2.27 g]
Mating Cycles	500 Cycles
Mating Torque	2.2 to 3.1 in-lbs [[0.25 to 0.35 Nm]]

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel over Copper
Insulation	Teflon	
Body	Brass	Gold over Nickel over Copper
Washer	Brass	Gold over Nickel over Copper

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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 Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, and RG400, D Hole 0.177 X 0.193 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 Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223, and RG400, D Hole 0.177 X 0.193 inch PE910030](#)

URL: <https://www.pasternack.com/n-female-rg58-rg55-rg141-rg142-rg223-rg400-connector-pe910030.html>

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PE910030 CAD Drawing

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