

75 Ohm N Male Connector Crimp/Solder Attachment for RG11A/U, RG144, RG216

PE4510



Configuration

- N Male Connector
- MIL-STD-348A
- 75 Ohms

- Straight Body Geometry
- Connector Interface Types: RG11A/U, RG144, RG216

Features

- Max. Operating Frequency 11 GHz
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4510 75 ohm type N male connector is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 11 GHz.

Our 75 ohm type N male connector PE4510 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		11	GHz
Operating Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1	mOhms
Outer Conductor DC Resistance			0.2	mOhms
Insulation Resistance	5,000			MOhms
Impedance		75		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
VSWR, Max	1.3:1					

Mechanical Specifications

Size
Length
Width
Weight
Mating Cycles

- 1.504 in [38.2 mm]
- 0.8 in [20.32 mm]
- 0.082 lbs [37.19 g]
- 500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in minimum
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm N Male Connector Crimp/Solder Attachment for RG11A/U, RG144, RG216 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: [75 Ohm N Male Connector Crimp/Solder Attachment for RG11A/U, RG144, RG216 PE4510](#)

URL: <https://www.pasternack.com/n-male-standard-rg11-rg144-rg216-connector-pe4510-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.

PE4510 CAD Drawing

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