

RP-N Plug Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF



PE44470

Configuration

- N Plug Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF

Features

- Max. Operating Frequency 11 GHz
- Gold Plated Brass Contact
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44470 RP type N plug connector with crimp/solder attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF is part of our full line of RF components available for same-day shipping. The plug reverse polarity configuration uses a plug connector body with a female inner contact receptacle. Our type N plug connector operates up to a maximum frequency of 11 GHz.

Our reverse polarity type N plug connector PE44470 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
Insertion Loss			0.2	dB
Operating Voltage (DC)			1,500	Vdc
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.465 in [37.21 mm]
Width	0.83 in [21.08 mm]
Height	0 in [0 mm]
Weight	0.078 lbs [35.38 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

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Environmental Specifications

Temperature

Operating Range

-55 to +85 deg C

Vibration

MIL-Std. 202 Method 204 (Test Condition B)

Altitude

MIL-Std. 202 Method 105 (Test Condition C)

Temperature Cycle

MIL-Std. 202 Method 102 (Test Condition C) All N-type Connectors are Weatherproof

Environmental Specification Notes:

Moisture Resistance: MIL-Std. 202 Method 106 (Test Condition B) ; Corrosion: MIL-Std. 202 Method 101 (Test Condition C)

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

Plotted and Other Data

Notes:

RP-N Plug Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF 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: [RP-N Plug Connector Crimp/Solder Attachment for PE-C400, PE-B400, PE-B405, LMR-400, LMR-400-DB, LMR-400-UF PE44470](#)

URL: <https://www.pasternack.com/n-male-reverse-polarity-pe-b400-pe-b405-pe-c400-connector-pe44470-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.

