N Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for SPF-250, SPO-250, SPP-250-LLPL, 1/4" Superflexible, PE-1/4SFHC

PE45991

Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry

- Connector Interface Types: SPF-250, SPO-250, SPP-250-LLPL, 1/4" Superflexible, PE-1/4SFHC
- 4 Hole Flange
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Silver Plated Bronze Contact

- Max of VSWR 1.2:1 at 3GHz, Max of VSWR 1.35:1 at 6GHz
- PIM is less than -160dBc at 1.8GHz typical

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications

- Custom Cable Assemblies
- Low PIM Applications

Description

Pasternack's PE45991 type N , N, Low PIM, Connector is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 6 GHz. This type N 4 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type N female 4 hole flange connector PE45991 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		6	GHz
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.18 in [29.97 mm]
Width	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.09 lbs [40.82 g]

Material Specifications

Description	Material	Plating
Contact	Bronze	Silver
Insulation	PTFE	
Outer Conductor	Bronze	Tri-Metal
Body	Brass	Tri-Metal

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Environmental Specifications

Temperature
Operating Range   -40 to +155 deg C

Environmental Specification Notes:
EC 61169-16

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

N Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for SPF-250, SPO-250, SPP-250-LLPL, 1/4" Superflexible, PE-1/4SFHC 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 Low PIM Connector Solder Attachment 4 Hole Flange Mount for SPF-250, SPO-250, SPP-250-LLPL, 1/4" Superflexible, PE-1/4SFHC PE45991

URL: https://www.pasternack.com/n-female-spf-250-spo-250-spp-250-llpl-connector-pe45991-p.aspx

PE45991 CAD Drawing

N Female Low PIM Connector Solder Attachment 4 Hole Flange Mount for SPF-250, SPO-250, SPP-250-LLPL, 1/4" Superflexible, PE-1/4SFHC

.75 [19]

.75 [19]

1.0 [25.4]

Ø .14 [3.6]

Ø .3 [8.8]

1.2 [30]

.97 [24.6]

.2 [5.5]

Ø .74 [18.9]

.10 [2.45]

TYPE N FEMALE CONNECTOR

5/8-24UNEF-2A

RECOMMENDED STRIP DIMMENSION

.590 [15.0]

.157 [4.0]

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