



N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax

RF Cable Assemblies Technical Data Sheet

PE3W13308

Configuration

- Connector 1: N Female 4 Hole Flange
- Connector 2: SMA Male Right Angle
- Cable Type: RG188

Features

- PTFE Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W13308 type N female 4 hole flange to SMA male right angle cable using RG188 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack type N to SMA cable assembly has a female to male gender configuration with 50 ohm flexible RG188 coax. The right angle SMA interface on the RG188 cable allows for easier connections in tight spaces. Our RF cable assembly with type N 4 hole flange interface 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.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Mechanical Specifications

Cable Assembly

Weight 0.123 lbs [55.79 g]

Cable

Cable Type	RG188
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.11 in [2.79 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax PE3W13308](#)



N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax

RF Cable Assemblies Technical Data Sheet

PE3W13308

Connectors

Description	Connector 1	Connector 2
Type	N Female 4 Hole Flange	SMA Male Right Angle
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating		Brass, Gold
Contact Plating Specification		50 µin minimum
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin minimum
Hex Size		16-May inch
Torque		3 in-lbs [0.34 Nm]

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax PE3W13308](#)



N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax

RF Cable Assemblies Technical Data Sheet

PE3W13308

How to Order

Part Number Configuration:

PE3W13308

- **xx**

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3W13308-12 = 12 inches long cable
PE3W13308-100cm = 100 cm long cable

N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax 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 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax PE3W13308](https://www.pasternack.com/n-female-4-hole-flange-to-sma-male-cable-using-rg188-pe3w13308-p.aspx)

URL: <https://www.pasternack.com/n-female-4-hole-flange-to-sma-male-cable-using-rg188-pe3w13308-p.aspx>

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE3W13308 CAD Drawing

N Female 4 Hole Flange to SMA Male Right Angle Cable Using RG188 Coax

