



## SMA Male Right Angle to N Female Cable Using RG402 Coax

### RF Cable Assemblies Technical Data Sheet

**PE3W07464**

#### Configuration

- Connector 1: SMA Male Right Angle
- Connector 2: N Female
- Cable Type: RG402

#### Features

- 69.5% Phase Velocity

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W07464 SMA male right angle to type N female cable using RG402 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack SMA to type N cable assembly has a male to female gender configuration with 50 ohm semi-rigid RG402 coax. The right angle SMA interface on the RG402 cable allows for easier connections in tight spaces.

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.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69.5		%

#### Mechanical Specifications

##### Cable Assembly

Weight 0.129 lbs [58.51 g]

##### Cable

Cable Type	RG402
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor Material and Plating	Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to N Female Cable Using RG402 Coax PE3W07464](#)



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Repeated Minimum Bend Radius 0.25 in [6.35 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	SMA Male Right Angle	N Female
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	50 $\mu$ in minimum	
Dielectric Type	PTFE	
Body Material and Plating	Stainless Steel, Gold	Brass, Nickel
Body Plating Specification	30 $\mu$ in minimum	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100 $\mu$ in minimum	
Hex Size	16-May inch	
Torque	3 in-lbs [0.34 Nm]	

#### Environmental Specifications

##### Temperature

Operating Range -65 to +165 deg C

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

#### Plotted and Other Data

Notes:

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**PE3W07464**

#### How to Order

Part Number Configuration:

**PE3W07464**

- **xx**

**uu**

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

Example: PE3W07464-12 = 12 inches long cable  
PE3W07464-100cm = 100 cm long cable

SMA Male Right Angle to N Female Cable Using RG402 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: [SMA Male Right Angle to N Female Cable Using RG402 Coax PE3W07464](https://www.pasternack.com/sma-male-right-angle-to-n-female-cable-using-rg402-pe3w07464-p.aspx)

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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.

PE3W07464 CAD Drawing  
SMA Male Right Angle to N Female Cable Using RG402 Coax

