



## N Male to MMCX Plug Cable Using RG188 Coax with HeatShrink

### RF Cable Assemblies Technical Data Sheet

**PE34523/HS**

#### Configuration

- Connector 1: N Male
- Connector 2: MMCX Plug
- Cable Type: RG188

#### Features

- Max Frequency 1 GHz
- PTFE Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE34523/HS type N male to MMCX plug 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 MMCX cable assembly has a male to plug gender configuration with 50 ohm flexible RG188 coax. The PE34523/HS type N male to MMCX plug cable assembly operates to 1 GHz.

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
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Insertion Loss (Typ.)	0.2					dB/ft
	0.66					dB/m

#### Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB per connector.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to MMCX Plug Cable Using RG188 Coax with HeatShrink PE34523/HS](#)



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#### Mechanical Specifications

##### Cable Assembly

Weight 0.08 lbs [36.29 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]

##### Connectors

Description	Connector 1	Connector 2
Type	N Male	MMCX Plug
Specification	MIL-STD-348A	BS EN 122340
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	30 µin minimum
Dielectric Type	PTFE	PTFE
Outer Conductor Material and Plating		Brass, Gold
Outer Conductor Plating Specification		3 µin minimum
Body Material and Plating	Brass, Nickel	Brass, Gold
Body Plating Specification	100 µin minimum	3 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100 µin minimum	

#### Environmental Specifications

##### Temperature

Operating Range -55 to +155 deg C

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

#### Plotted and Other Data

Notes:

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### RF Cable Assemblies Technical Data Sheet

**PE34523/HS**

#### How to Order

Part Number Configuration:

**PE34523/HS**

- **xx**

**uu**

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

Example: PE34523/HS-12 = 12 inches long cable  
PE34523/HS-100cm = 100 cm long cable

N Male to MMCX Plug Cable Using RG188 Coax with HeatShrink 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 Male to MMCX Plug Cable Using RG188 Coax with HeatShrink PE34523/HS](#)

URL: <https://www.pasternack.com/n-male-to-mmcx-plug-cable-using-rg188-with-heatshrink-pe34523-hs-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.

PE34523/HS CAD Drawing  
N Male to MMCX Plug Cable Using RG188 Coax with HeatShrink

