

N Male to SMB Plug Cable Using RG223 Coax

PE33033

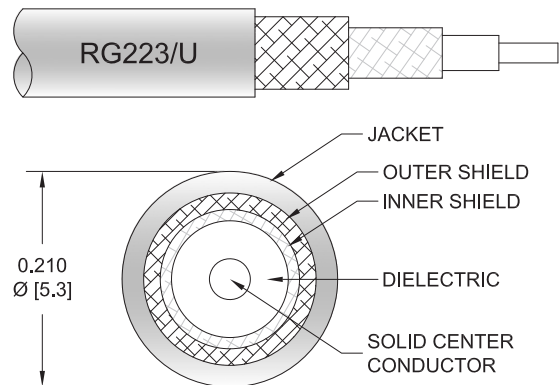


Configuration

- Connector 1: N Male
- Connector 2: SMB Plug
- Cable Type: RG223
- Coax Flex Type: Flexible

Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE33033 type N male to SMB plug cable using RG223 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 SMB cable assembly has a male to plug gender configuration with 50 ohm flexible RG223 coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.11 lbs [49.9 g]

Cable

Cable Type RG223
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PE
 Number of Shields 2

N Male to SMB Plug Cable Using RG223 Coax



PE33033

Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.209 in [5.31 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	SMB Plug
Specification	MIL-STD-348	
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Silver	
Contact Plating Specification	ASTM-B700	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	ASTM-B689	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	ASTM-B689	

Environmental Specifications

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

Plotted and Other Data

Notes:
Values at 25°C, sea level.

N Male to SMB Plug Cable Using RG223 Coax



PE33033

Typical Performance Data

How to Order

Part Number Configuration:

PE33033

- xx

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE33033-12 = 12 inches long cable
PE33033-100cm = 100 cm long cable

N Male to SMB Plug Cable Using RG223 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 Male to SMB Plug Cable Using RG223 Coax PE33033](#)

URL: <https://www.pasternack.com/n-male-to-smb-plug-cable-using-rg223-pe33033-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.

PE33033 CAD Drawing
N Male to SMB Plug Cable Using RG223 Coax

