

SMA Male to N Female Bulkhead Cable 12 Inch Length Using ET-RG223 Coax



RF Cable Assemblies Technical Data Sheet

ET29657

Configuration

Connector 1: SMA Male

Connector 2: N Female Bulkhead

Cable Type: ET-RG223

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		pF/ft [pF/m]		
Operating Voltage (AC)			500	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2.5	5	6	GHz
Insertion Loss (Typ.)	0.291	0.334	0.42	0.535	0.741	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1		
Return Loss (Max.)	15.56	15.563	15.563	15.563		dB

Mechanical Specifications

Cable Assembly

 Length*
 12 in [304.8 mm]

 Diameter
 0.827 in [21.01 mm]

 Weight
 0.148 lbs [67.13 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type

ET-RG223
50 Ohms
Solid
Copper, Silver
PE

Dielectric Type
Number of Shields

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to N Female Bulkhead Cable 12 Inch Length Using ET-RG223 Coax ET29657

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Shield Layer 1
Shield Layer 2
Jacket Material
Jacket Diameter

Silver Plated Copper Braid Silver Plated Copper Braid PVC, Black 0.21 in [5.33 mm]

One Time Minimum Bend Radius

1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2	
Туре	SMA Male	N Female Bulkhead	
Specification	MIL-STD-348A	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Brass, Gold	
Contact Plating Specification	50μ in. minimum	30μ in. minimum	
Dielectric Type	Teflon	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification	100μ in. minimum	100μ in. minimum	
Hex Size	5/16 in		
Torque	5 in-lbs [0.57 Nm]		

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Values at 25°C, sea level.

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^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



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Base Number

RF Cable Assemblies Technical Data Sheet

ET29657

How to Order

Part Number Configuration:

ET3193 - xx uu

——Unit of Measure:

cm = Centimeters

Length

Example: ET29657 = 12 inches long cable

ET3193-100cm = 100 cm long cable


SMA Male to N Female Bulkhead Cable 12 Inch Length Using ET-RG223 Coax from Ebeestock 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.

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URL: https://www.ebeestock.com/sma-male-to-n-female-bulkhead-cable-6-inch-length-using-rg223-co ax-0029656

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

ET29657 CAD Drawing
SMA Male to N Female Bulkhead Cable 12 Inch Length Using ET-RG223



ET29657 REV