SMA Male to N Female Bulkhead Cable 18 Inch Length Using ET-RG223 Coax

RF Cable Assemblies Technical Data Sheet ET29658

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		30.8 [101.05]		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.)	0.336	0.401	0.529	0.703	1.011	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*	18 in [457.2 mm]
Diameter	0.827 in [21.01 mm]
Weight	0.167 lbs [75.75 g]

Cable

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

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 18 Inch Length Using ET-RG223 Coax ET29658

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

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Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.21 in [5.33 mm]
One Time Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	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:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8”, whichever is greater.

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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How to Order

Part Number Configuration: **ET3193 - xx uu**

- uu: Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx: Length
- ET3193: Base Number

Example: ET3193-12 = 12 inches long cable
ET3193-100cm = 100 cm long cable

SMA Male to N Female Bulkhead Cable 18 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.

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 18 Inch Length Using ET-RG223 Coax ET29658

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

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ET29658 CAD Drawing

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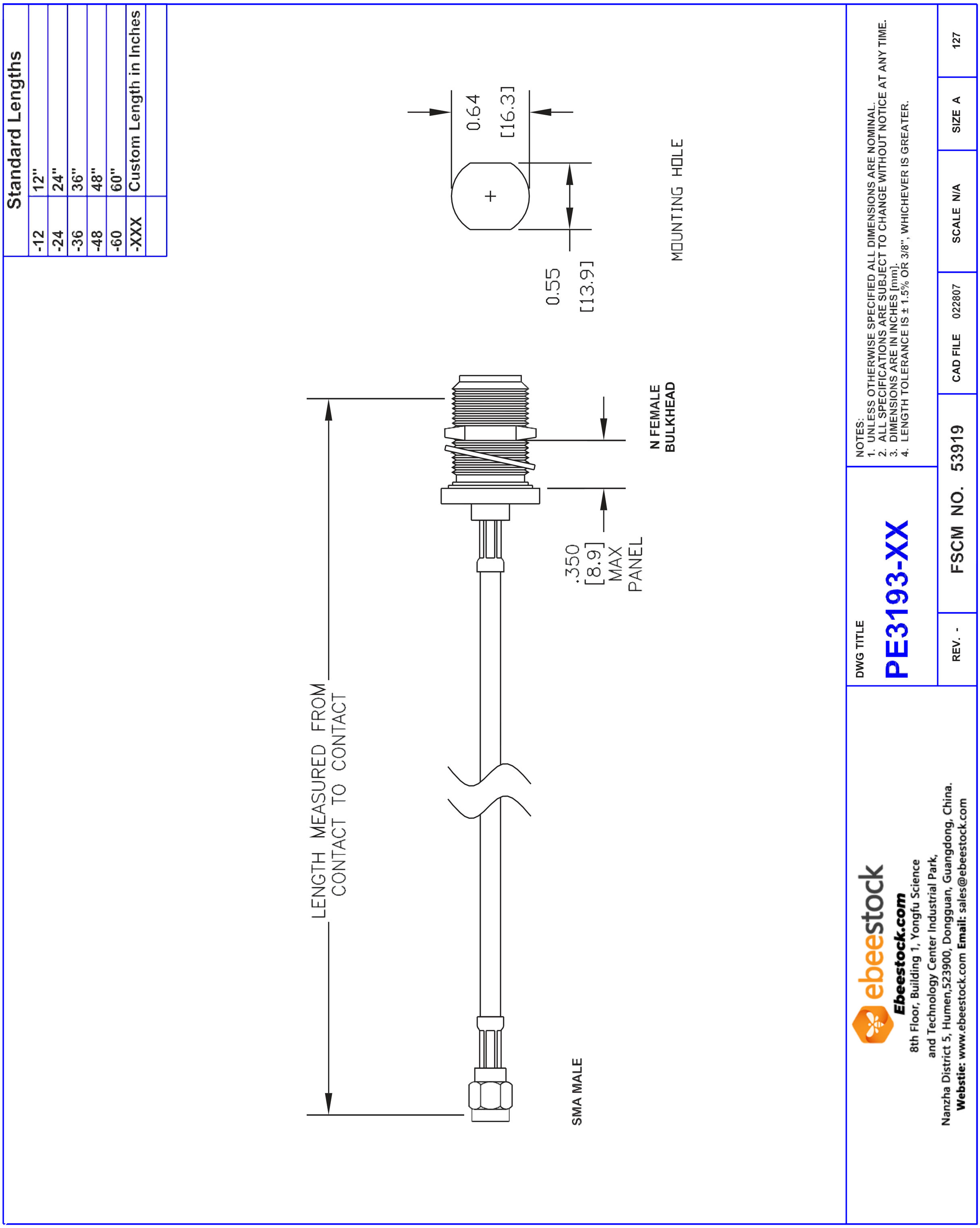

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