SMA Male to SMB Plug Cable 12 Inch Length Using ET-ET-RG142 Coax

TECHNICAL DATA SHEET ET31009

Configuration

Connector 1	SMA Male
Connector 2	SMB Plug
Cable Type	ET-RG142

Electrical Specifications

Frequency Range	DC to 4 GHz
Impedance	50 Ohms
Maximum VSWR	1.4:1
Velocity of Propagation	69.2 %
RF Shielding	90 dB

Mechanical Specifications

Temperature

Temperature Operating Range	-65 to +165 deg C

Size

Length	12 in [304.8 mm]
Weight	0.065 lbs [29.48 g]
Cable Color	Tan
One Time Minimum Bend Radius	0.984 in [24.99 mm]
Repeated Minimum Bend Radius	2 in [50.8 mm]

Cable

Cable Type	ET-RG142
Inner Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	2
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.195 in [4.95 mm]

Connector 1

Type	SMA Male
Connector 1 Specification	MIL-STD-348A
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Inner Conductor Plating Specification	50µ in. minimum
Hex Size	5/16 in
Torque	5 in-lbs [0.57 Nm]
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

Connector 2

Type	SMB Plug

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 SMB Plug Cable 12 Inch Length Using ET-RG142 Coax ET31009

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Connector 2 Specification	MIL-STD-348A
Configuration	Straight
Inner Conductor Plating Specification	30µ in. minimum
Coupling Nut Plating Specification	100µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum

Compliance Certifications (visit for current document)

For RoHS Compliant version, use ET3181LF-12. Contact Ebeestock if product cannot be found.

REACH Compliant 12/19/2011

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMA Male to SMB Plug Cable 12 Inch Length Using ET-RG142 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/sma-male-to-smb-plug-cable-6-inch-length-using-rg142-coax-0031008

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.

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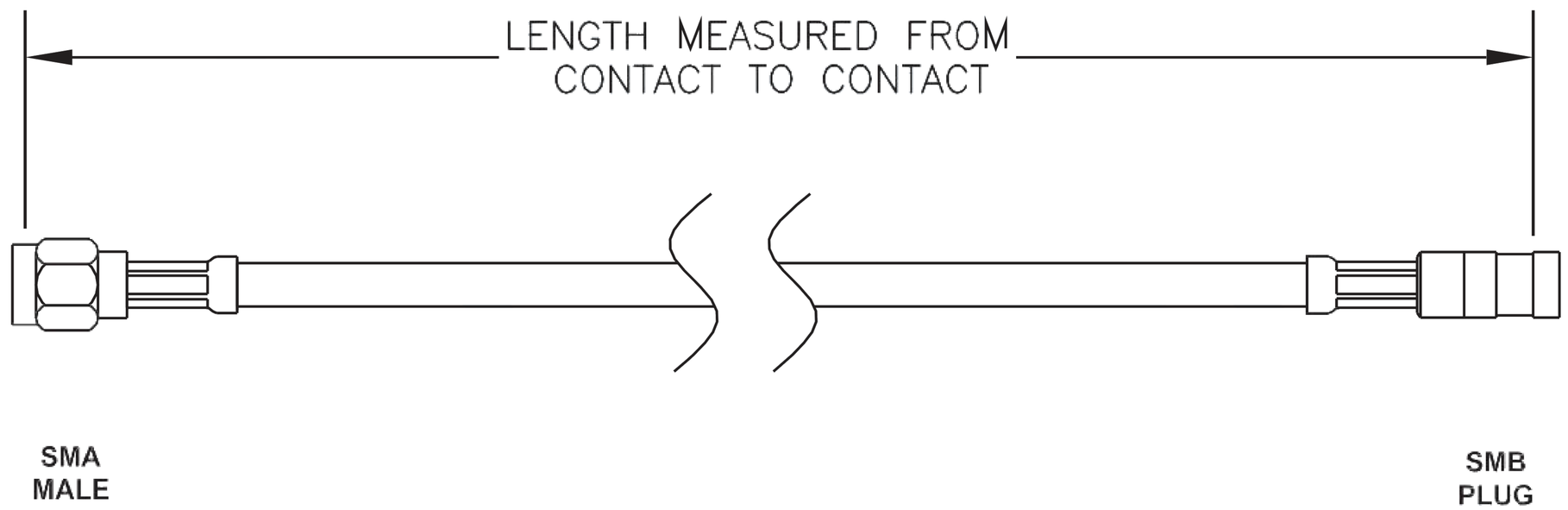
ET31009 CAD Drawing

SMA Male to SMB Plug Cable 12 Inch Length Using ET-RG142 Coax

Standard Lengths	
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-XXX	Custom Length in Inches



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DWG TITLE

PE3181-XX

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

REV. -	FSCM NO. 53919	CAD FILE 021907	SCALE N/A	SIZE A	127

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