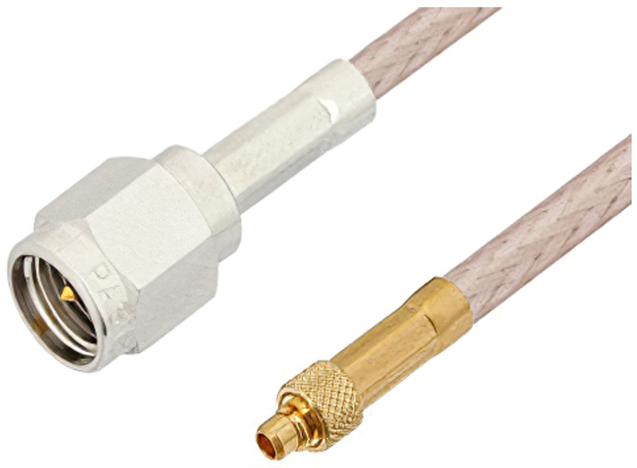
SMA Male to MMCX Plug Cable 48 Inch Length Using ET-RG316 Co
ax



RF Cable Assemblies - PE34122-48

Configuration

- Connector 1: SMA Male
- Connector 2: MMCX Plug
- Cable Type: ET-RG316

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.4:1	
Capacitance		32 [104.99]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss	0.64	0.84	1.153	1.72	2.52	dB
VSWR	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

Length	48 in [121.92 cm]
Diameter	0.312 in [7.92 mm]
Weight	0.02 lbs [9.07 g]
Cable Color	Tan
Connection Type	Between Series

Cable

Cable Type	ET-RG316
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

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 MMCX Plug Cable 48 Inch Length Using ET-RG316 Coax ET26315

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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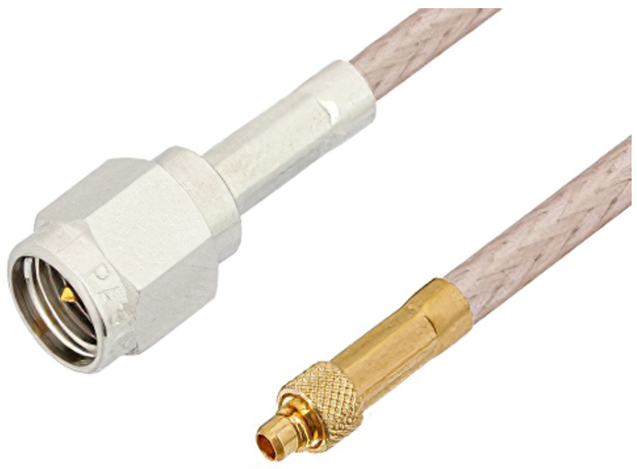

RF Cable Assemblies - PE34122-48

Jacket Material	FEP
Jacket Diameter	0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	MMCX Plug
Specification	MIL-STD-348A	BS EN 122340
Impedance	50 Ohms	50 Ohms
Connection Method	Standard	Standard
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30µ in. Minimum	30µ in. minimum
Dielectric Type	PTFE	Teflon
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100µ in. Minimum	
Hex Size	5/16 in	
Torque	5 in-lbs [0.57 Nm]	[ ]
Body Material and Plating	Brass, Nickel	Brass, Gold
Body Plating Specification	100µ in. Minimum	3µ in. minimum

Environmental Specifications

Compliance Certifications (visit for current document)

For RoHS Compliant version, use ET34122LF-48. Contact Ebeestock if product cannot be found.

REACH Compliant 06/18/2012

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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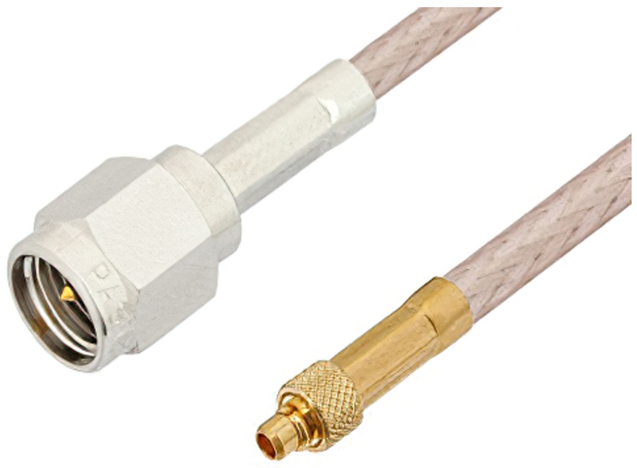

RF Cable Assemblies - PE34122-48

How to Order

Part Number Configuration: **ET34122 - xx uu**

- **ET34122** — Base Number
- **xx** — Length
- **uu** — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches

Example: ET34122-12 = 12 inches long cable
ET34122-100cm = 100 cm long cable

SMA Male to MMCX Plug Cable 48 Inch Length Using ET-RG316 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.

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 MMCX Plug Cable 48 Inch Length Using ET-RG316 Coax ET26315

URL: https://www.ebeestock.com/sma-male-to-mmcx-plug-cable-12-inch-length-using-rg316-coax-0026312

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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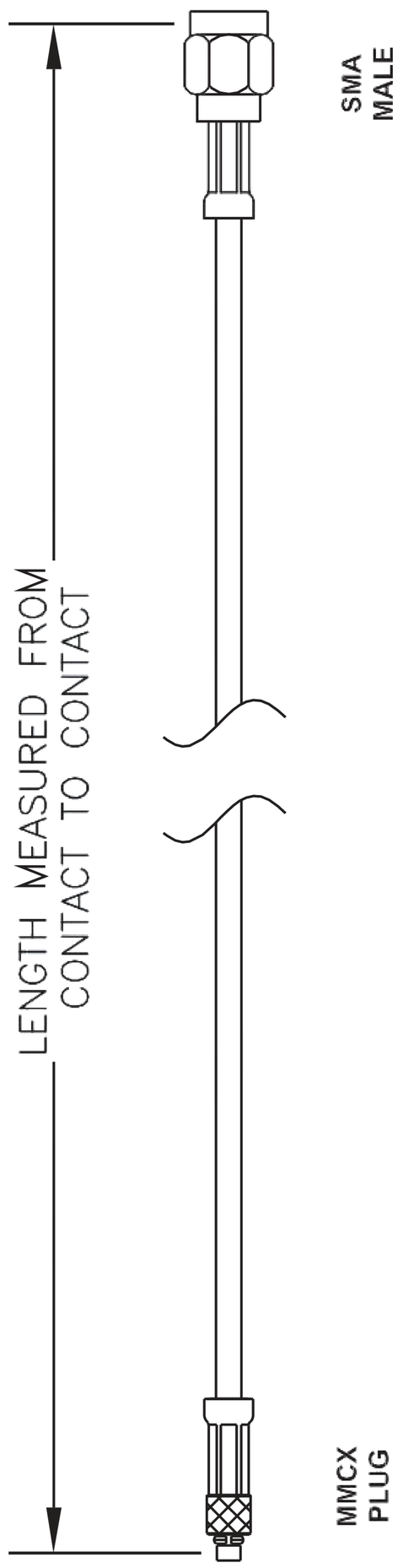
ET26315 CAD Drawing

SMA Male to MMCX Plug Cable 48 Inch Length Using ET-RG316 Coax

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



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.

DWG TITLE
PE34122-XX

REV. A | FSCM NO. 53919 | CAD FILE 012508 | SCALE N/A | SIZE A | 127

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