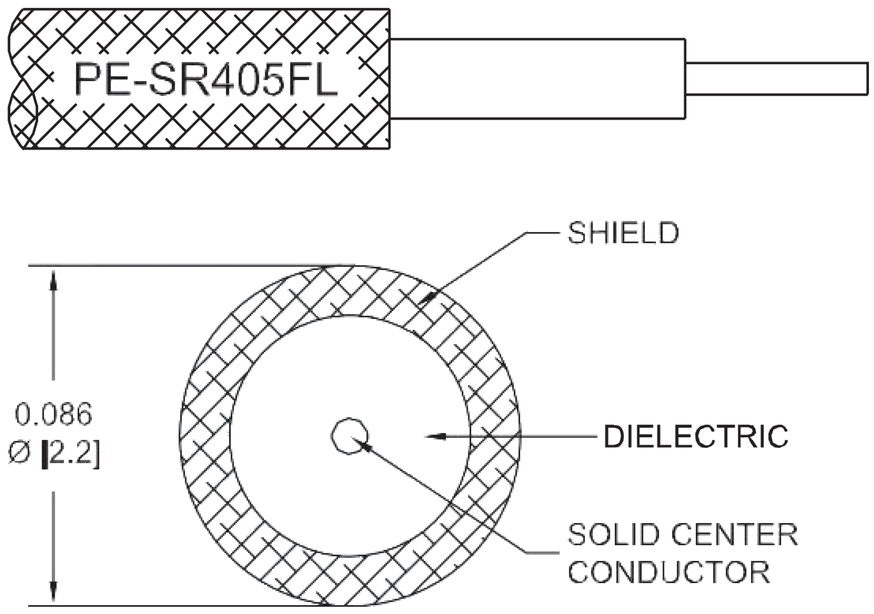
1.85mm Male to 1.85mm Male Cable 12 Inch Length Using ET3832 2 Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet ET13242

Configuration

- Connector 1: 1.85mm Male
- Connector 2: 1.85mm Male
- Cable Type: ET38322



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.5:1	
Return Loss			15.563	dB
Velocity of Propagation		69.5		%
Capacitance		29 [95.14]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	2.5	5	20	30	40	GHz
Insertion Loss (Typ.)	0.547	0.749	1.4			dB

Mechanical Specifications

Cable Assembly

Length*	12 in [304.8 mm]
Diameter	0.312 in [7.92 mm]
Weight	0.03 lbs [13.61 g]

Cable

Cable Type	ET38322

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 1.85mm Male to 1.85mm Male Cable 12 Inch Length Using ET38322 Coax, LF Solder, RoHS ET13242

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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Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid

Connectors

Description	Connector 1	Connector 2
Type	1.85mm Male	1.85mm Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204, Type II, Class 1	MIL-G-45204, Type II, Class 1
Body Material and Plating	Stainless Steel, Gold	Stainless Steel, Gold
Body Plating Specification	MIL-G-45204, Type II, Class 1	MIL-G-45204, Type II, Class 1
Coupling Nut Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 in.	5/16 in.
Torque	8 in-lbs [0.9 Nm]	8 in-lbs [0.9 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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1.85mm Male to 1.85mm Male Cable 12 Inch Length Using ET3832

2 Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet ET13242

How to Order

Part Number Configuration: **ET36525LF - xx uu**

- ET36525LF: Base Number
- xx: Length
- uu: Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches

Example: ET13242 = 12 inches long cable
ET36525LF-100cm = 100 cm long cable

1.85mm Male to 1.85mm Male Cable 12 Inch Length Using ET38322 Coax, LF Solder, RoHS 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: 1.85mm Male to 1.85mm Male Cable 12 Inch Length Using ET38322 Coax, LF Solder, RoHS ET13242

URL: https://www.ebeestock.com/1-85mm-male-to-1-85mm-male-cable-6-inch-length-using-pe-sr405fl-coax-lf-solder-rohs-0013241

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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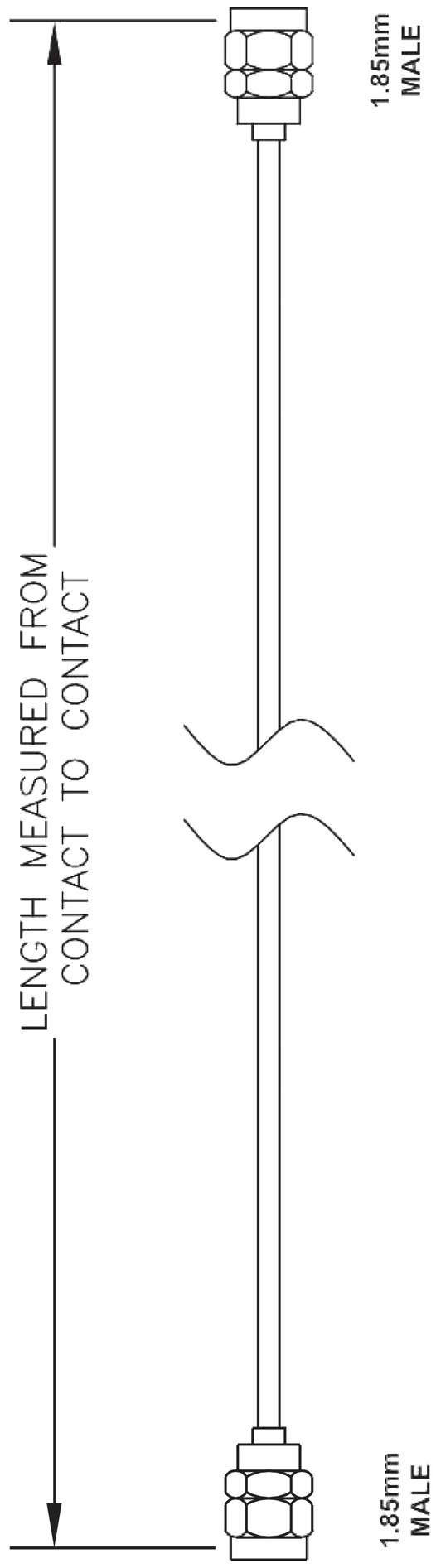
ET13242 CAD Drawing

1.85mm Male to 1.85mm Male Cable 12 Inch Length
Using ET38322 Coax, LF Solder, RoHS

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



RoHS 2002/95/EC
RoHS Compliance Certified

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
PE36525LF-XX

REV. A	FSCM NO. 53919	CAD FILE 021208	SCALE N/A	SIZE A	127

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