SMP Female Right Angle to SMP Female Right Angle Cable 200 c m Length Using ET38325 Coax

RF Cable Assemblies Technical Data Sheet ET32356

Configuration

- Connector 1: SMP Female Right Angle
- Connector 2: SMP Female Right Angle
- Cable Type: ET38325

Features

- Max Frequency 8 GHz

Applications

- General Purpose
- Laboratory Use

Description

Ebeestock's ET32356 SMP female right angle to SMP female right angle 200 cm cable using ET38325 coax is part of our full line of RF components available for same-day shipping. Ebeestock's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Ebeestock SMP to SMP cable assembly has a female to female gender configuration with 50 ohm semi-rigid ET38325 coax. The ET32356 SMP female to SMP female cable assembly operates to 8 GHz. The right angle SMP interfaces on the ET38325 cable allow for easier connections in tight spaces.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8	GHz
VSWR			1.5:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2	4	8		GHz
Insertion Loss (Max.)	3.03	3.54	4.58	6.65		dB

Electrical Specification Notes:
The Insertion Loss data above is based on the performance specifications of the coax use in this assembly. The Insertion Loss includes an estimated insertion loss of 0.4dB of connector Loss

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Female Right Angle to SMP Female Right Angle Cable 200 cm Length Using ET38325 Coax ET32356

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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Mechanical Specifications

Cable Assembly

Length*	78.74 in [200 cm]
Diameter	0.187 in [4.75 mm]

Cable

Cable Type	ET38325
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor Material and Plating	Copper
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMP Female Right Angle	SMP Female Right Angle
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	MIL-DTL-45204	MIL-DTL-45204
Dielectric Type	PTFE	PTFE
Outer Conductor Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Plating Specification	MIL-DTL-45204	MIL-DTL-45204

Environmental Specifications

Temperature

Operating Range	-55 to +100 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration: **ET3W04802 - xx uu**

- ET3W04802 — Base Number
- xx — Length
- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches

Example: ET3W04802-12 = 12 inches long cable
ET3W04802-100cm = 100 cm long cable

SMP Female Right Angle to SMP Female Right Angle Cable 200 cm Length Using ET38325 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: SMP Female Right Angle to SMP Female Right Angle Cable 200 cm Length Using ET38325 Coax ET32356

URL: https://www.ebeestock.com/smp-female-right-angle-to-smp-female-right-angle-cable-12-inch-length-using-pe-047sr-coax-0032348

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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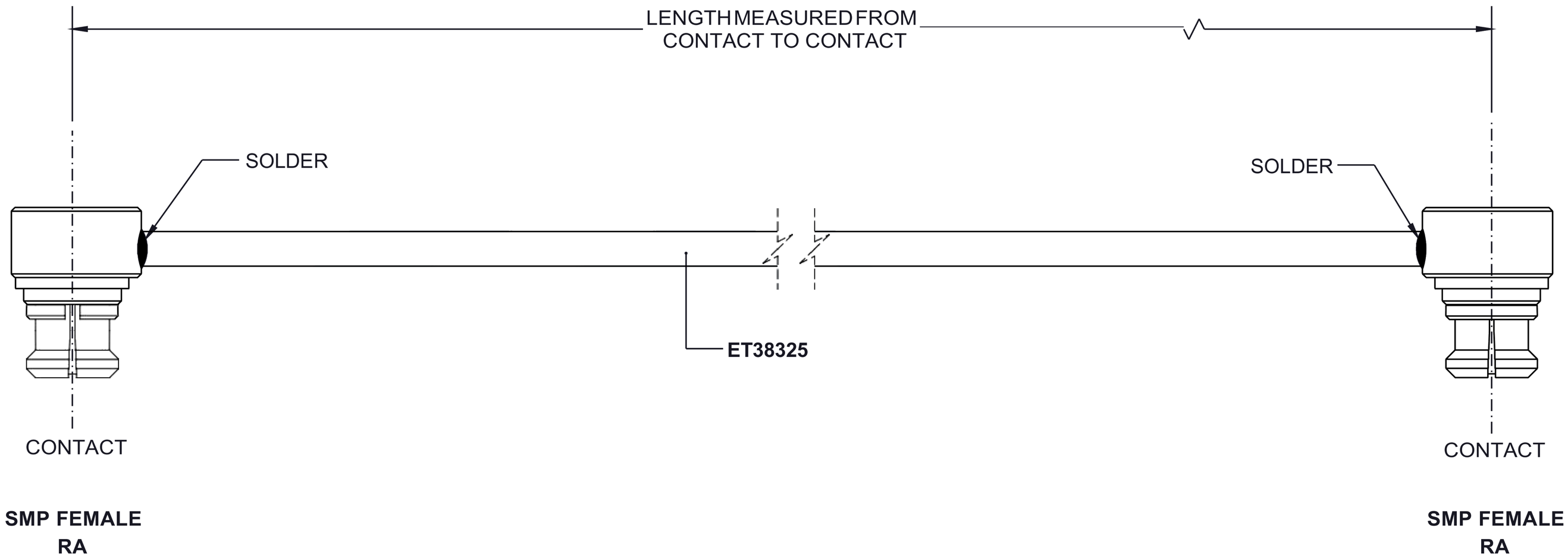
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/13/19	S.ELLIS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X=± .2	[5.08]	FRACTIONS
.XX=± .01	[.25]	± 1/32
.XXX=± .005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	ET3W04802	A

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