

QN Male Right Angle Connector Crimp/Solder Attachment for ET -C195, ET-P195, ET-RG58, ET-ET-RG141, ET-RG303, ET38380, 0.195 inch, IP68



RF Connectors Technical Data Sheet

ET11073

Configuration

- QN Male Connector
- 50 Ohms
- Right Angle Body Geometry

Features

- Max. Operating Frequency 11 GHz
- Gold over Nickel Plated Brass Contact

- ET-C195, ET-P195, ET-RG58, ET-RG141, ET-RG303, LMR-
- 195, 0.195 inch Interface Type
- Crimp/Solder Attachment
- IP68 0.3 bar (interface only)

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET11073 QN male right angle connector with crimp/solder attachment for ET-C195, ET-P195, ET-RG58, ET-RG141, ET-RG303, ET38380 and 0.195 inch is part of our full line of RF components available for same-day shipping. Our QN male connector operates up to a maximum frequency of 11 GHz. Its right angle body geometry allows for easier connections in tight spaces. The connector has an IP68 rating to protect against dust and prolonged moisture protection under immersion conditions.

Our QN male right angle connector ET11073 datasheet specifications and drawing with dimensions are shown below in this PDF. Ebeestock's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Ebeestock has the right connector for the job. Ebeestock can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
Operating Voltage (AC)			1,000	Vrms
Test Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1.5	mOhms
Insulation Resistance	5,000			MOhms

Performance by Frequency

F1	F2	F3	F4	F5	Units
DC to 2.5	2.5 to 4	4 to 6			GHz
1.06:1	1.16:1	1.23:1			
	DC to 2.5	DC to 2.5 2.5 to 4	DC to 2.5 2.5 to 4 4 to 6	DC to 2.5 2.5 to 4 4 to 6	DC to 2.5 2.5 to 4 4 to 6

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: QN Male Right Angle Connector Crimp/Solder Attachment for ET-C195, ET-P195, ET-RG58, ET-RG141, ET-RG303, ET38380, 0.195 inch, IP68 ET11073

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



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Electrical Specification Notes:

RF leakage: 90 dB (up to 3 GHz) min. Insertion loss = 0.05 x sqrt(fGHz) dB max.

Mechanical Specifications

Size

 Length
 0.894 in [22.71 mm]

 Width/Dia.
 0.748 in [19.00 mm]

 Height
 1.039 in [26.39 mm]

 Weight
 0.137 lbs [62.14 g]

 Mating Cycles
 100 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel
Insulation	PTFE	
Body	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range
-40 to +125 deg C
Ingress Protection (IP) Rating
IP68 0 3 har (interfa

Ingress Protection (IP) Rating
Humidity
IP68 0.3 bar (interface only)
MIL-STD-202, Method 106

Shock
Vibration
Thermal Shock
Salt Spray

MIL-STD-202, Method 213, Condition I
MIL-STD-202, Method 204, Condition A
MIL-STD-202, Method 107, Condition B
MIL-STD-202, Method 101, Condition B

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Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

QN Male Right Angle Connector Crimp/Solder Attachment for ET-C195, ET-P195, ET-RG58, ET-RG141, ET-RG303, ET38380, 0.195 inch, IP68 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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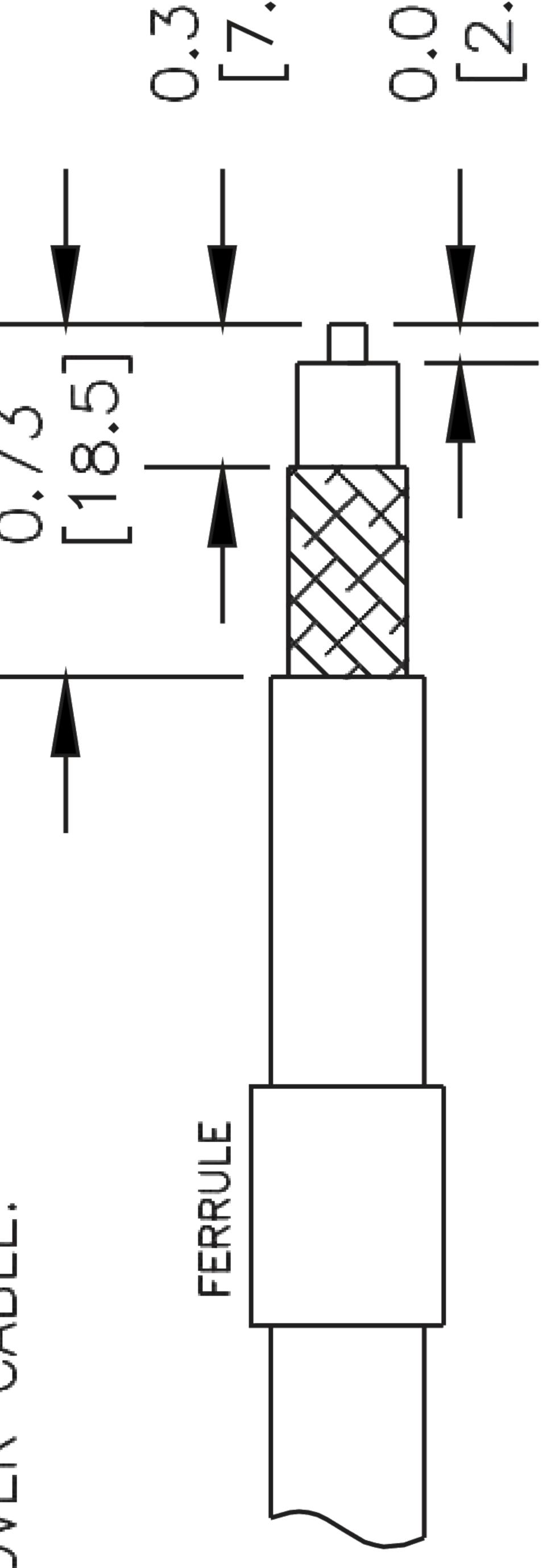
URL: https://www.ebeestock.com/qn-male-right-angle-connector-crimp-solder-attachment-for-pe-c19 5-pe-p195-rg58-rg141-rg303-lmr-195-0-195-inch-ip68-0011073

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.

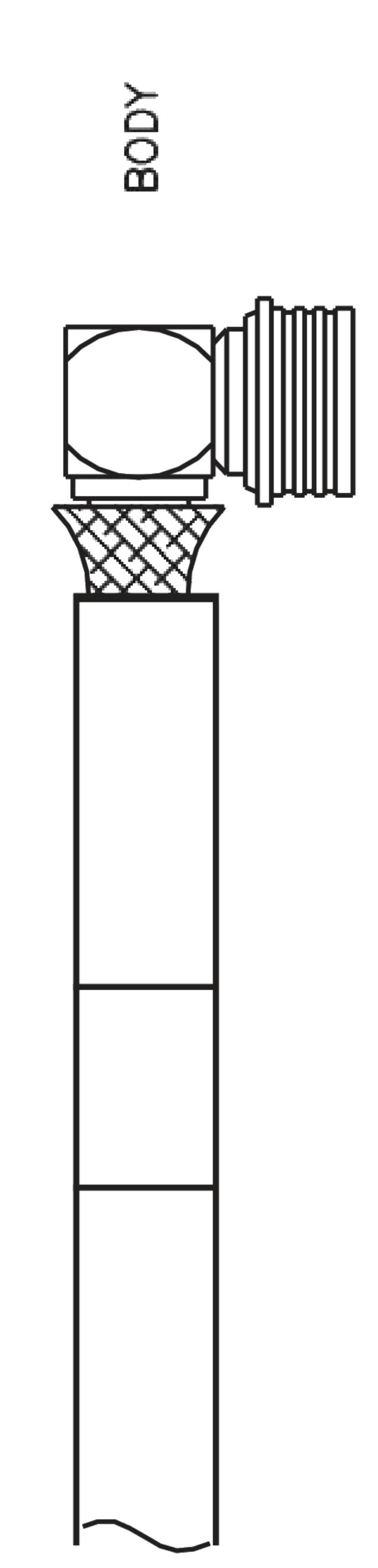
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SSEMBLY PROCEDURES

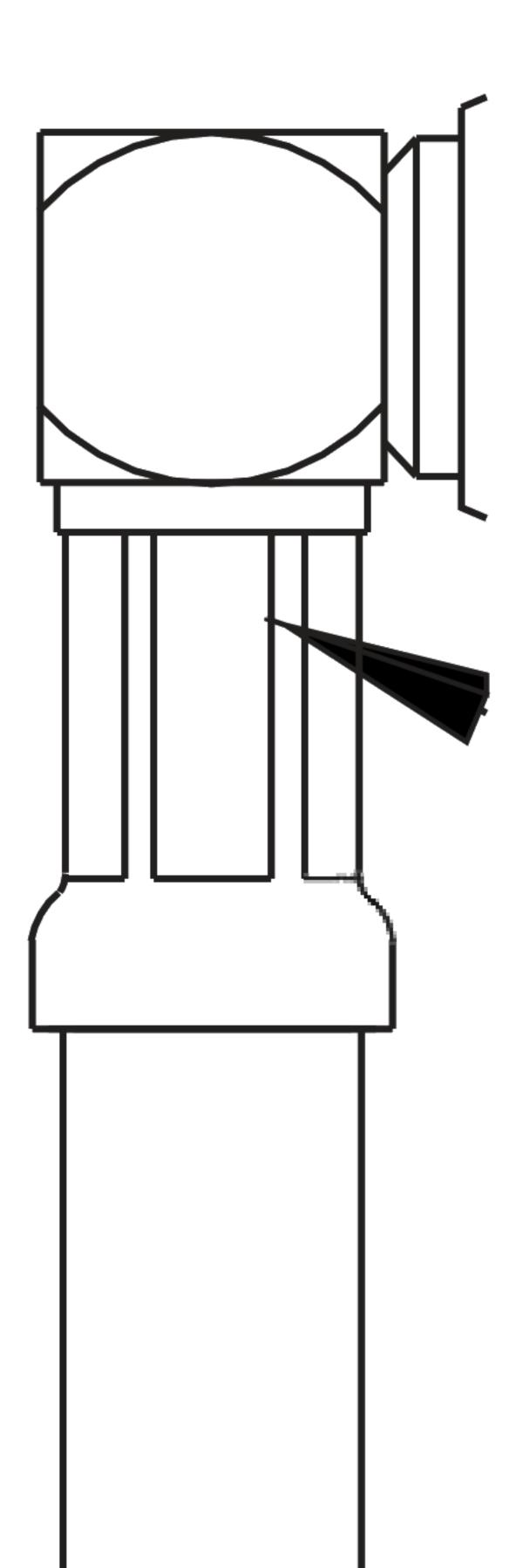
1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CARLF.



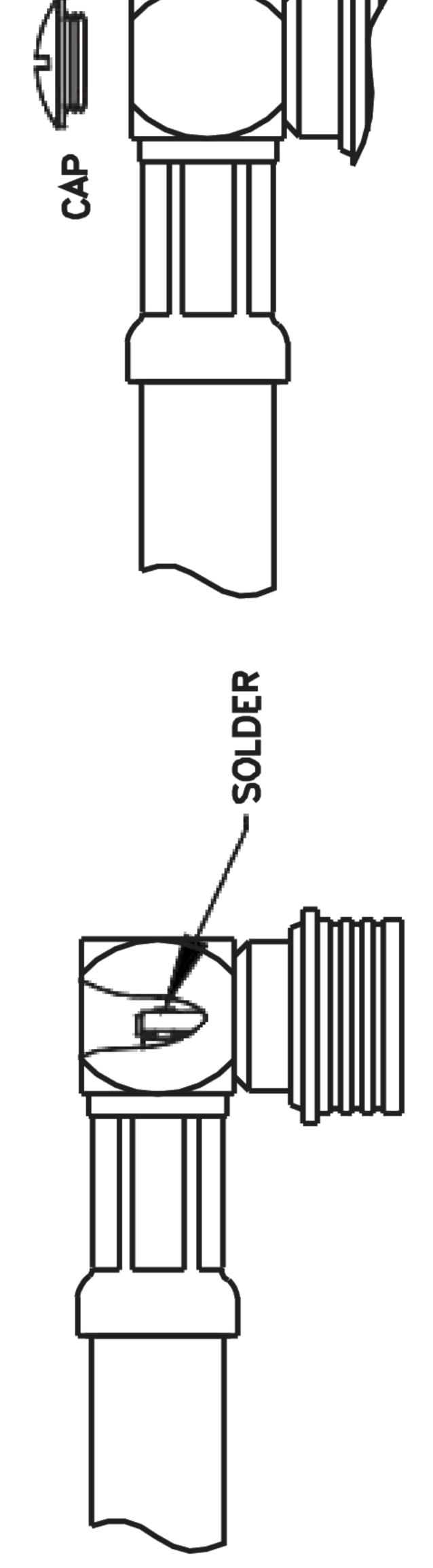
2. FLAIR BRAID AND INSERT THE STRIPPED CABLE INTO BODY AND POSITION THE CENTER CONDUCTOR IN THE SLOT OF THE CENTER PIN



3. SLIDE FERRULE OVER BRAID UP TO TH CONNECTOR BODY AND CRIMP AS CLOSE THE CONNECTOR BODY AS POSSIBLE USIN A .213" HEX CRIMP TOOL.



4. SOLDER THE CENTER CONDUCTOR OF THE CABLE TO THE CENTER PIN. TIGHTEN DOWN THE CAP INTO THE REAR APERTURE OF THE CAP.





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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.