

SMA Male Connector Crimp/Solder (Captive Contact) Attachment for ET-ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, 0.100 inch



RF Connectors Technical Data Sheet ET11418

Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry

Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.3:1

Applications

General Purpose Test

- ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-
- C100, 0.100 inch Interface Type
- Crimp/Solder (Captive Contact) Attachment
- 5/16 inch Hex
- Gold Plated Brass Contact
- 50 µin minimum contact plating

Custom Cable Assemblies

Description

Ebeestock's ET11418 SMA male connector with crimp/solder (captive contact) attachment for ET-RG174, ET-RG316, ET-RG188, LMR- 100, ET-B100, ET-C100 and 0.100 inch is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.3:1.

Our SMA male connector ET11418 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		3	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size

 Length
 1.06 in [26.92 mm]

 Width/Dia.
 0.312 in [7.92 mm]

 Weight
 0.018 lbs [8.16 g]

Mating Torque 3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Crimp/Solder (Captive Contact) Attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, 0.100 inch ET11418

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



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Material Specifications

Description	Material	Plating	
Contact	Brass	Gold 50 µin minimum	
Insulation	PTFE		
Body	Brass	Nickel 100 µin minimum	
Coupling Nut	Brass	Nickel 100 µin minimum	

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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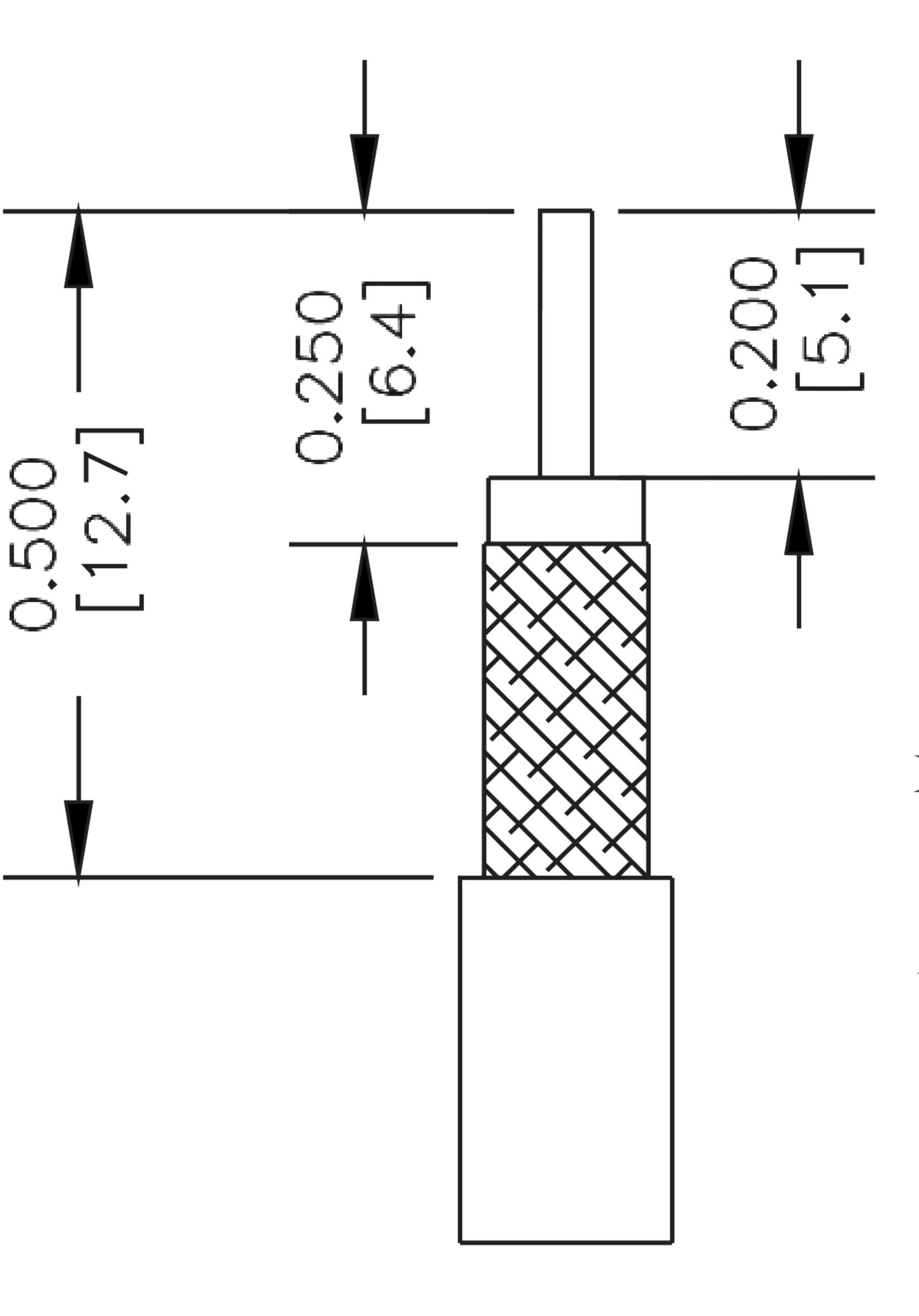
0.100 inch from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/sma-male-connector-crimp-solder-captive-contact-attachment-for-rg174-rg316-rg188-lmr-100-pe-b100-pe-c100-0-100-inch-0011418

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.

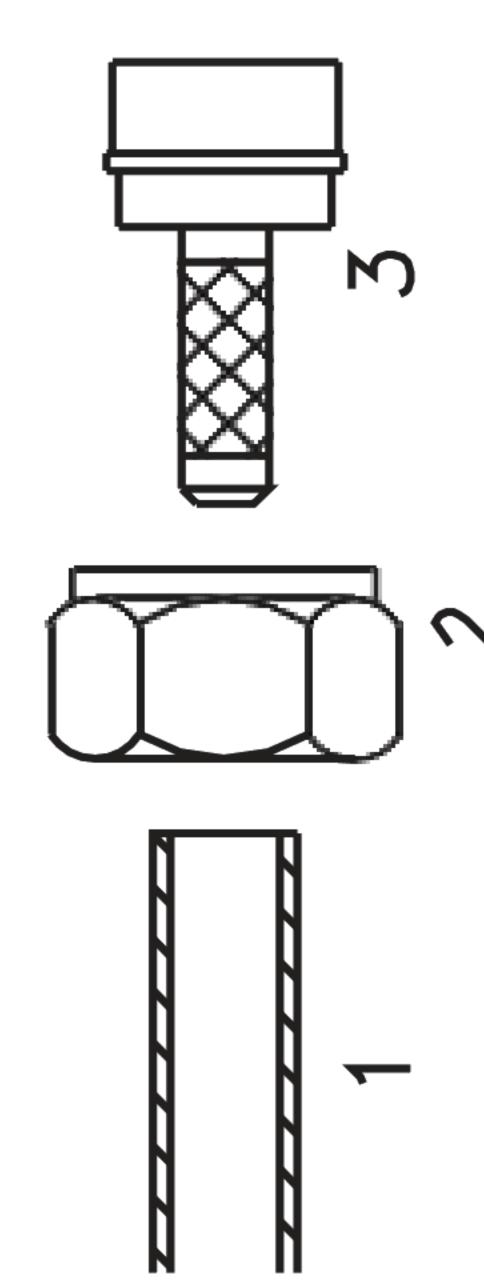
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RIPPING DIMENSIONS

ASSEMBLY PROCEDURES

- 1. STRIP CABLE AS SHOWN. SO NOT NICK THE CENTER
- 2. SLIDE FERRULE (1) & CLAMP NUT (2) OVER CABLE. FLAIR BRAID & SLIDE WEDGE ASSEMBLY (3) UNDER BRAID WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE IN INSULATOR. SLIDE FERRULE (1) OVER BRAID & AGAINST CLAMP NUT. CRIMPFERRUI
- SOLDER CONTAC TO CENTER CONDUCTOR. CLEAN INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



CRIMP SIZE RECLIRE

CONTACT: SOLDER



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

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT AN 3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

O. 53919

CAD FILE 120804

SIZE A SIZE A