



RF Connectors Technical Data Sheet

ET11111

Configuration

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

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.4:1

Applications

General Purpose Test

- Connector Interface Types: ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch
- 5/16 inch Hex
- Gold Plated Brass Contact
- 50 µin minimum contact plating

• Custom Cable Assemblies

Description

Ebeestock's ET11111 SMA male right angle connector with crimp/solder attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100 and .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 6 GHz and offers good VSWR of 1.4:1. Its right angle body geometry allows for easier connections in tight spaces.

Our SMA male right angle connector ET11111 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		6	GHz
VSWR			1.4:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size

 Length
 0.61 in [15.49 mm]

 Width/Dia.
 0.315 in [8.00 mm]

 Height
 0.591 in [15.01 mm]

 Weight
 0.016 lbs [7.26 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 Right Angle Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, LMR- 100, ET-B100, ET-C100, .100 inch ET11111





RF Connectors Technical Data Sheet

ET11111

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
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Right Angle Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, LMR- 100, ET-B100, ET-C100, .100 inch ET11111

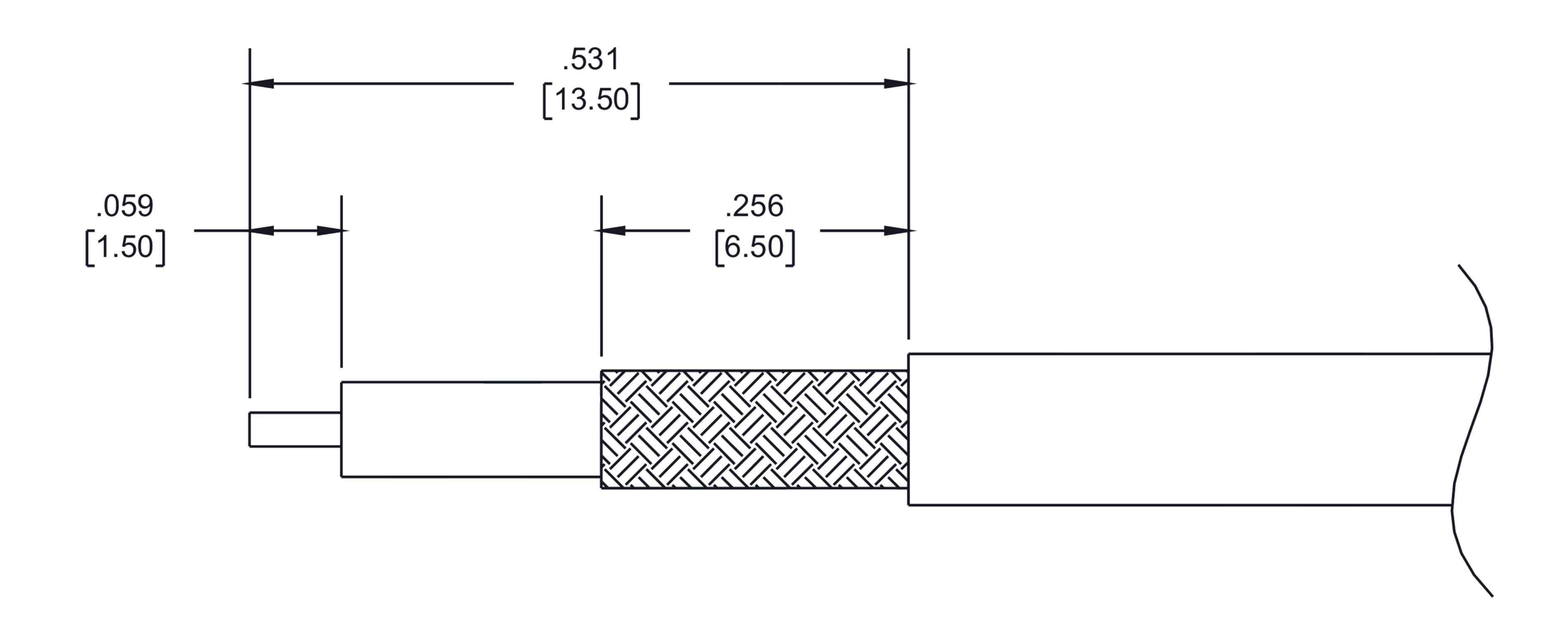




RF Connectors Technical Data Sheet

ET11111

Assembly Instruction



<u>ASSEMBLY PROCEDURES</u>

- 1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID. SLIDE FERRULE OVER CABLE.
- 2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
- 3. CRIMP FERRULE AND PRESS CAP DOWN.

CRIMP SIZE REQUIRED

• FERRULE: .134 [3.40] HEX CRIMP TOOL.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Right Angle Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, LMR- 100, ET-B100, ET-C100, .100 inch ET11111





RF Connectors Technical Data Sheet

ET11111

SMA Male Right Angle Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, ET-LMR-100, ET-B100, ET-C100, .100 inch 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: SMA Male Right Angle Connector Crimp/Solder Attachment for ET-RG174, ET-RG316, ET-RG188, LMR- 100, ET-B100, ET-C100, .100 inch ET11111

URL: https://www.ebeestock.com/sma-male-right-angle-connector-crimp-solder-attachment-for-rg174 -rg316-rg188-lmr-100-pe-b100-pe-c100-100-inch-0011111

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.

