



RF Cable Assemblies Technical Data Sheet

ET26105

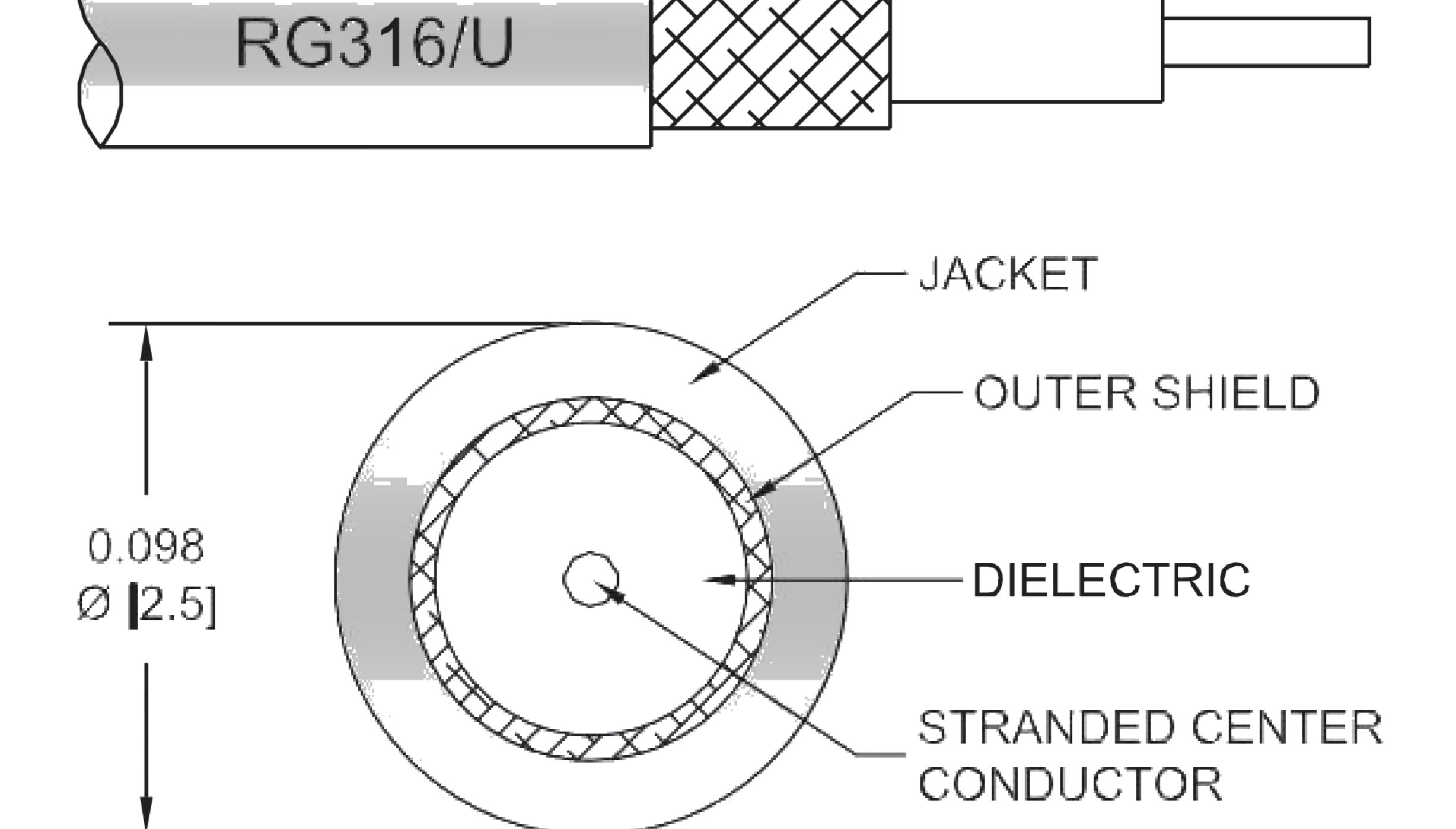
Configuration

Connector 1: Snap-OnMMBX Plug
Connector 2: SSMB Jack Bulkhead

Cable Type: ET-RG316

Features

- Max Frequency 3 GHz
- 69% Phase Velocity
- FEP Jacket



Applications

General Purpose

Laboratory Use

Description

Ebeestock's ET26105 MMBX plug snap-on to SSMB jack bulkhead 200 cm cable using ET-RG316 coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock MMBX to SSMB cable assembly has a plug to jack gender configuration with 50 ohm flexible ET-RG316 coax. The ET26105 MMBX plug to SSMB jack cable assembly operates to 3 GHz. Our RF cable assembly with SSMB bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		3	GHz
VSWR			1.5:1	
Velocity of Propagation		69		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Jacket Spark			2,000	Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Snap-On MMBX Plug to SSMB Jack Bulkhead Cable 200 cm Length Using ET-RG316 Coax ET26105

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





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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.25	0.5	1	2.5	3	GHz
Insertion Loss (Max.)	1.25	1.78	2.7	3.68	4.01	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 0.2dB of connector Loss

Mechanical Specifications

Cable Assembly

Length* 78.74 in [200 cm]
Diameter 0.188 in [4.78 mm]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type

ET-RG316

50 Ohms
Stranded
Copper Clad Steel, Silver
PTFE

Dielectric Type
Number of Shields
Shield Layer 1
Jacket Material
Jacket Diameter

PTFE
1
Silver Plated Copper Braid

FEP, Tan 0.102 in [2.59 mm]

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Connectors

Description	Connector 1	Connector 2	
Type	MMBX Plug	SSMB Jack Bulkhead	
Specification		MIL-STD-348	
Impedance	50 Ohms	50 Ohms	
Connection Method	Snap-On		
Mating Cycles	100		
Contact Material and Plating	Beryllium Copper, Gold	Gold	
Contact Plating Specification		MIL-G-45204	
Dielectric Type	PTFE	PTFE	
Outer Conductor Material and Plating	Brass, Gold		
Body Material and Plating	Brass, Gold	Brass, Gold	
Body Plating Specification		MIL-G-45204	

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.





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How to Order

Part Number Configuration:

ET3W07532 - xx uu

Unit of Measure:

cm = Centimeters

chlank> = Inches

Base Number

Example: ET3W07532-12 = 12 inches long cable

ET3W07532-100cm = 100 cm long cable

Snap-On MMBX Plug to SSMB Jack Bulkhead Cable 200 cm Length Using ET-RG316 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.

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URL: https://www.ebeestock.com/snap-on-mmbx-plug-to-ssmb-jack-bulkhead-cable-12-inch-length-using-rg316-coax-0026097

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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