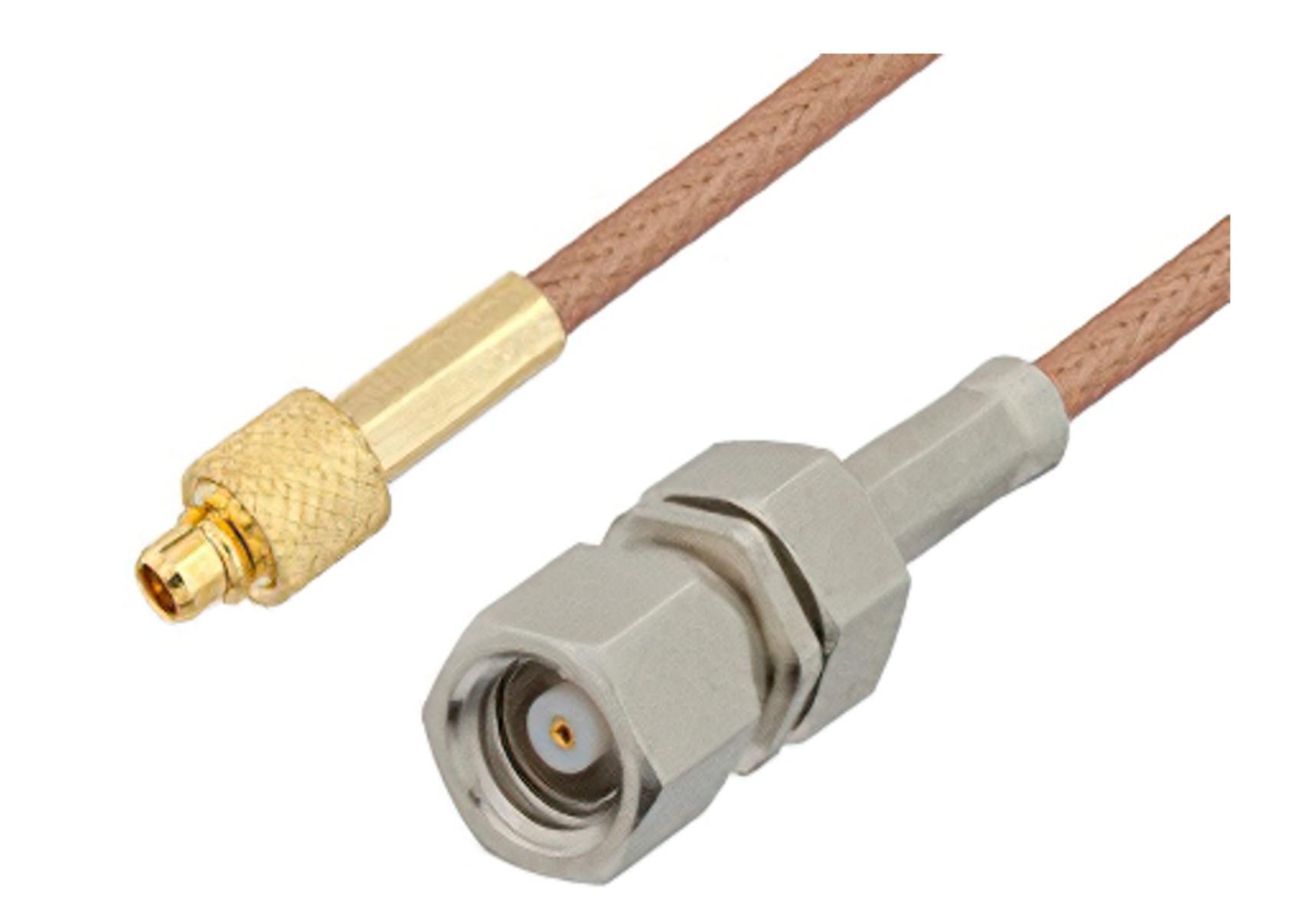


MMCX Plug to SMC Plug Cable 48 Inch Length Using ET-ET-RG178 Coax



### RF Cable Assemblies Technical Data Sheet

ET26294

# Configuration

Connector 1: MMCX Plug
Connector 2: SMC Plug
Cable Type: ET-RG178

### Features

- 70% Phase Velocity
- FEP Jacket

# Applications

General Purpose

Laboratory Use

#### Description

Ebeestock's ET26294 MMCX plug to SMC plug 48 inch cable using ET-RG178 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 MMCX to SMC cable assembly has a plug to plug gender configuration with 50 ohm flexible ET-RG178 coax.

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
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Mechanical Specifications

#### Cable Assembly

Length\* 48 in [121.92 cm]
Diameter 0.25 in [6.35 mm]

#### Cable

Cable Type
Impedance
Inner Conductor Type

ET-RG178
50 Ohms
Stranded

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type

Number of Shields

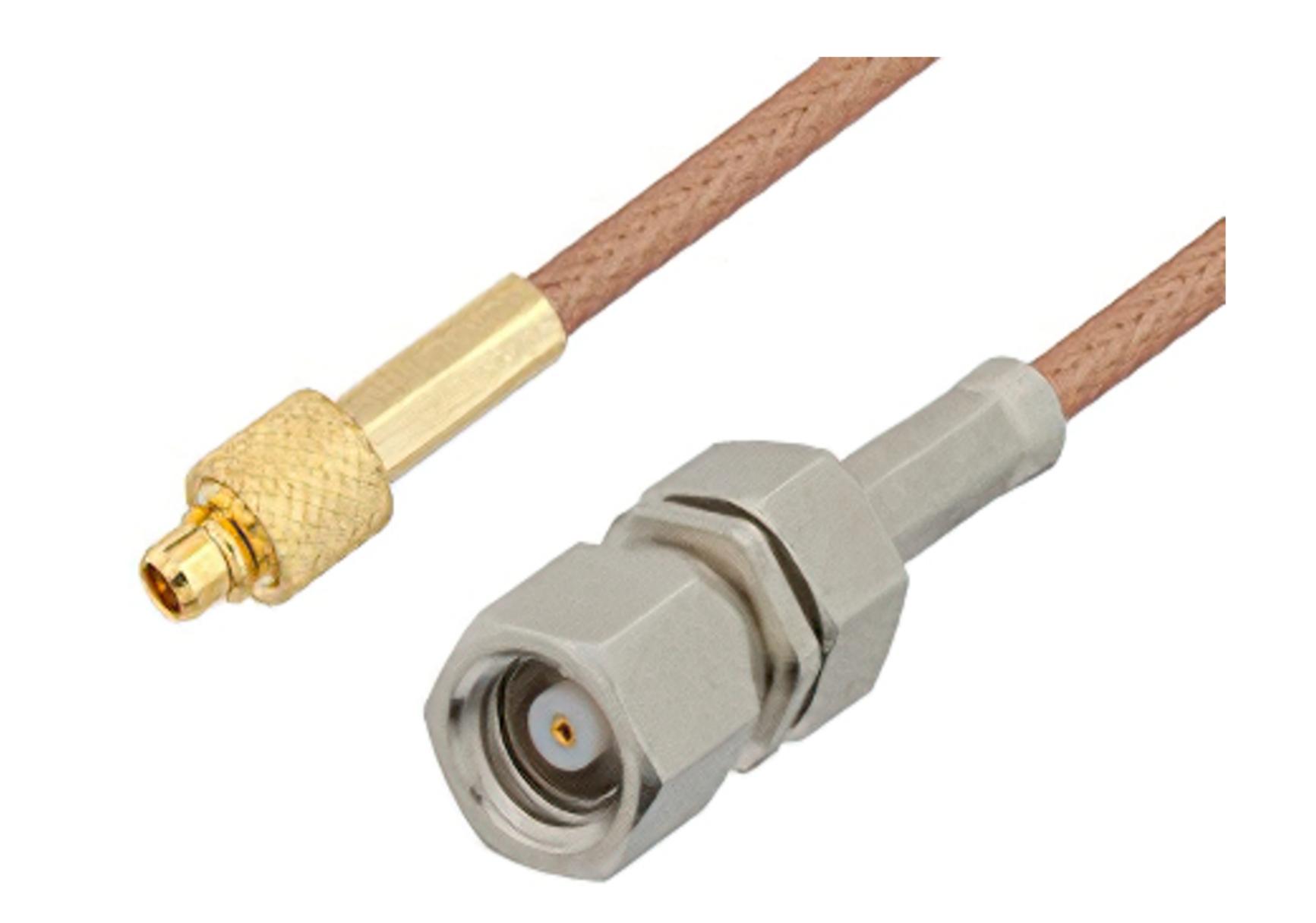
1

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MMCX Plug to SMC Plug Cable 48 Inch Length Using ET-RG178 Coax ET26294

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



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## RF Cable Assemblies Technical Data Sheet

Repeated Minimum Bend Radius

ET26294

Shield Layer 1
Jacket Material
Jacket Diameter

Silver Plated Copper Braid FEP, Tan 0.072 in [1.83 mm]

0.4 in [10.16 mm]

#### Connectors

Description	Connector 1	Connector 2	
Туре	MMCX Plug	SMC Plug	
Specification		MIL-STD-348A	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Gold	Beryllium Copper, Gold	
Contact Plating Specification		30 µin minimum	
Dielectric Type	PTFE	PTFE	
Body Material and Plating	Brass, Gold	Brass, Nickel	
Body Plating Specification		100 μin minimum	
Coupling Nut Material and Plating		Brass, Nickel	
Coupling Nut Plating Specification		100 μin minimum	
Hex Size		1/4 inch	

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

## Plotted and Other Data

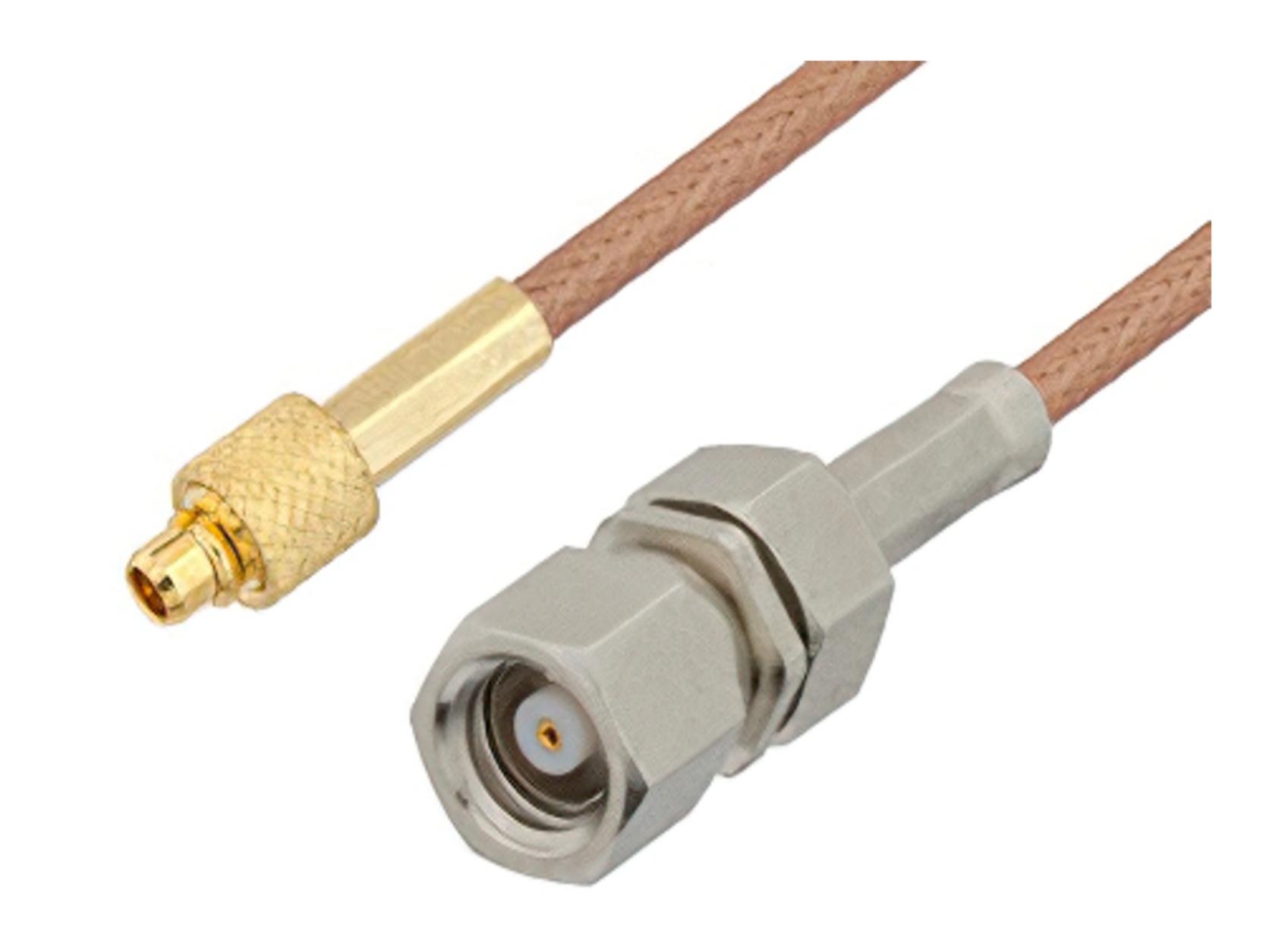
Notes:

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<sup>\*</sup>All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



MMCX Plug to SMC Plug Cable 48 Inch Length Using ET-ET-RG178 Coax



## RF Cable Assemblies Technical Data Sheet

ET26294

#### How to Order

Part Number Configuration:

ET3W07653 - xx uu

——Unit of Measure:

cm = Centimeters

<br/>
<br/>
<br/>
<br/>
chlank> = Inches

Length

Base Number

Example: ET3W07653-12 = 12 inches long cable

ET3W07653-100cm = 100 cm long cable

MMCX Plug to SMC Plug Cable 48 Inch Length Using ET-RG178 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: MMCX Plug to SMC Plug Cable 48 Inch Length Using ET-RG178 Coax ET26294

**URL:** https://www.ebeestock.com/mmcx-plug-to-smc-plug-cable-12-inch-length-using-rg178-coax-0026

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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