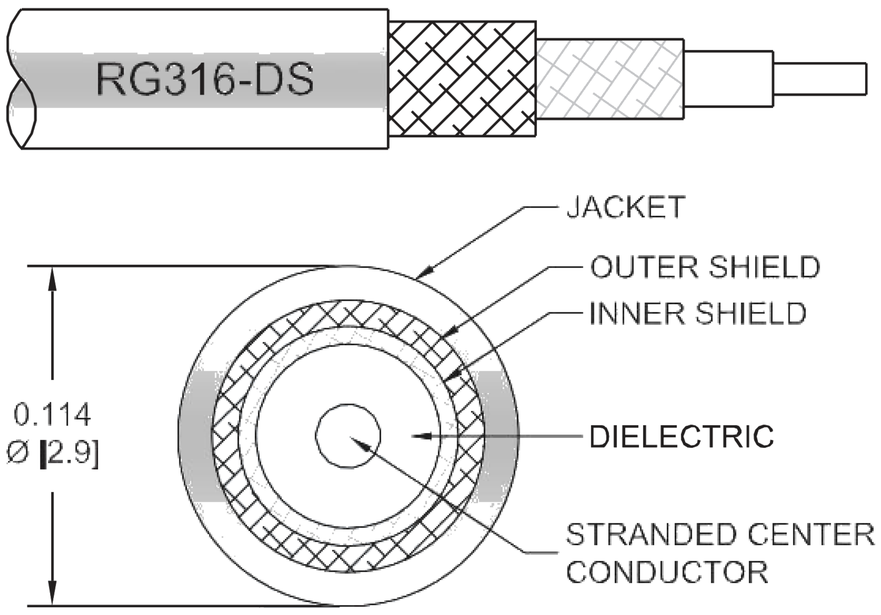
MMCX Plug to MMCX Plug Cable 12 Inch Length Using ET38399 Co ax

RF Cable Assemblies Technical Data Sheet ET26241

Configuration

- Connector 1: MMCX Plug
- Connector 2: MMCX Plug
- Cable Type: ET38399



Features

- Max Frequency 3 GHz
- 70% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Ebeestock's ET26241 MMCX plug to MMCX plug 12 inch cable using ET38399 coax is part of our full line of RF compo- nents 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 MMCX cable assembly has a plug to plug gender configuration with 50 ohm flexible ET38399 coax. The ET26241 MMCX plug to MMCX plug cable assembly operates to 3 GHz. The double shielding of this Ebeestock cable assembly provides excellent shielding effectiveness.

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 avail- able RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom label- ing. 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			1.4:1	
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Operating Voltage (AC)			250	Vrms

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 MMCX Plug Cable 12 Inch Length Using ET38399 Coax ET26241

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.28	0.321	0.379	0.461	0.667	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

Mechanical Specifications

Cable Assembly

Length*	12 in [304.8 mm]
Diameter	0.18 in [4.57 mm]
Weight	0.022 lbs [9.98 g]

Cable

Cable Type	ET38399
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.114 in [2.9 mm]
One Time Minimum Bend Radius	0.59 in [14.99 mm]

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Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug	MMCX Plug
Specification	BS EN 122340	BS EN 122340
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Gold	Brass, Gold
Body Plating Specification	3µ in. minimum	3µ in. minimum

Mechanical Specification Notes:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8”, whichever is greater.

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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How to Order

Part Number Configuration: **ET38679 - xx uu**

- **uu** — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- **xx** — Length
- **ET38679** — Base Number

Example: ET26241 = 12 inches long cable
ET38679-100cm = 100 cm long cable

MMCX Plug to MMCX Plug Cable 12 Inch Length Using ET38399 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 MMCX Plug Cable 12 Inch Length Using ET38399 Coax ET26241

URL: https://www.ebeestock.com/mmcx-plug-to-mmcx-plug-cable-12-inch-length-using-rg316-ds-coax-0026241

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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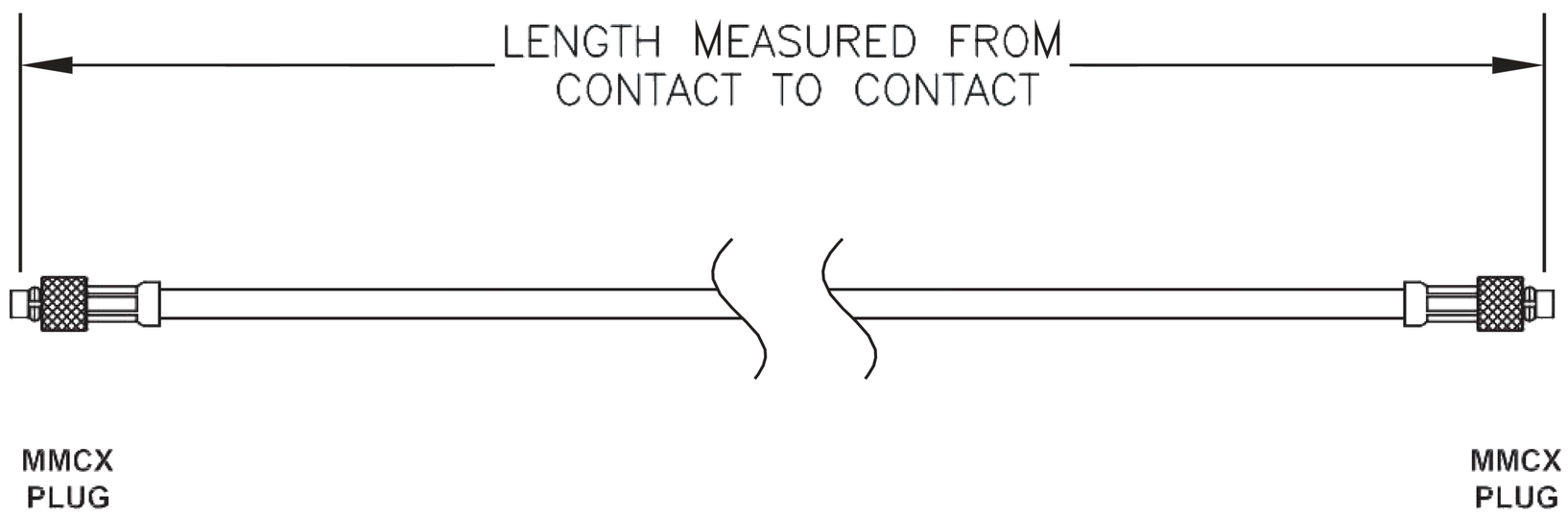
ET26241 CAD Drawing

MMCX Plug to MMCX Plug Cable 12 Inch Length Using ET38399 Coax

Standard Lengths	
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-XXX	Custom Length in Inches



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DWG TITLE

PE38679

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

REV. -	FSCM NO. 53919	CAD FILE 082411	SCALE N/A	SIZE A	2231

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