

MMCX Plug to MMCX Plug Right Angle Cable Using RG188 Coax



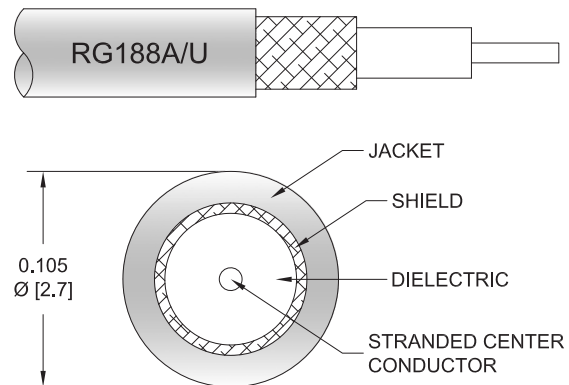
PE34889

Configuration

- Connector 1: MMCX Plug
- Connector 2: MMCX Plug Right Angle
- Cable Type: RG188
- Coax Flex Type: Flexible

Features

- Max Frequency 3 GHz
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE34889 MMCX plug to MMCX plug right angle cable using RG188 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack MMCX to MMCX cable assembly has a plug to plug gender configuration with 50 ohm flexible RG188 coax. The PE34889 MMCX plug to MMCX plug cable assembly operates to 3 GHz. The right angle MMCX interface on the RG188 cable allows for easier connections in tight spaces.

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			1.4:1	
Dielectric Withstanding Voltage (AC)			500	Vrms

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	400					MHz
Insertion Loss (Typ.)	0.5					dB/ft
	1.64					dB/m

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Mechanical Specifications

Cable Assembly

Width/Diameter	0.276 in [7.01 mm]
Weight	0.017 lbs [7.71 g]

Cable

Cable Type	RG188
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.11 in [2.79 mm]

Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug	MMCX Plug Right Angle
Specification	BS EN 122340	BS EN 122340
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
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

Environmental Specifications

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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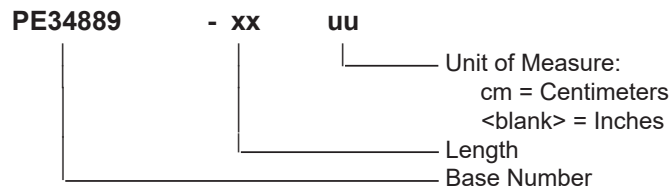


PE34889

Typical Performance Data

How to Order

Part Number Configuration:



Example: PE34889-12 = 12 inches long cable
PE34889-100cm = 100 cm long cable

MMCX Plug to MMCX Plug Right Angle Cable Using RG188 Coax from Pasternack 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 Right Angle Cable Using RG188 Coax PE34889](#)

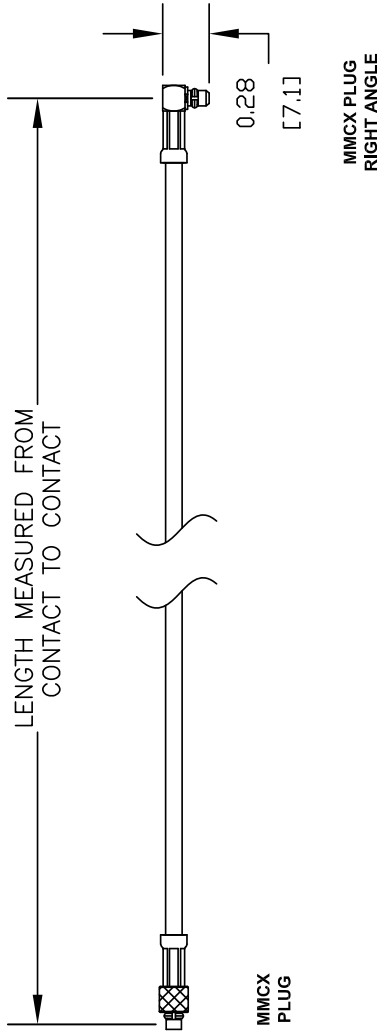
URL: <https://www.pasternack.com/mmcx-plug-mmcx-plug-rg188au-cable-assembly-pe34889-p.aspx>

The information contained within 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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE34889 CAD Drawing

MMCX Plug to MMCX Plug Right Angle Cable Using RG188 Coax

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



DWG TITLE

PE34889-XX

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 $\pm 1.5\%$ OR $3/16"$, WHICHEVER IS GREATER.

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REV. A

FSCM NO. 53919

CAD FILE 020608

SCALE N/A

SIZE A

127