



MMCX Plug Right Angle to MCX Plug Right Angle
Cable Using RG188-DS Coax with 90 Deg. Clock

RF Cable Assemblies Technical Data Sheet

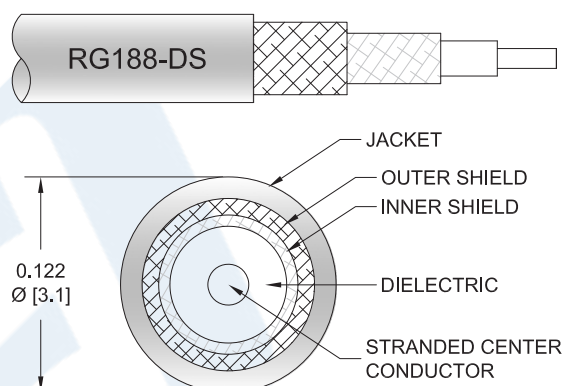
PE3W06099/PH90

Configuration

- Connector 1: MMCX Plug Right Angle
- Connector 2: MCX Plug Right Angle
- Cable Type: RG188-DS

Features

- Double Shielded
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W06099/PH90 MMCX plug right angle to MCX plug right angle cable using RG188-DS 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 MCX cable assembly has a plug to plug gender configuration with 50 ohm flexible RG188-DS coax. The right angle MMCX and right angle MCX interfaces on the RG188-DS cable allow for easier connections in tight spaces. The double shielding of this Pasternack 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 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
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.028 lbs [12.7 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMCX Plug Right Angle to MCX Plug Right Angle Cable Using RG188-DS Coax with 90 Deg. Clock PE3W06099/PH90](#)



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Cable

Cable Type	RG188-DS
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	PTFE, White
Jacket Diameter	0.118 in [3 mm]

Connectors

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

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W06099/PH90

- **xx**

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3W06099/PH90-12 = 12 inches long cable
PE3W06099/PH90-100cm = 100 cm long cable

MMCX Plug Right Angle to MCX Plug Right Angle Cable Using RG188-DS Coax with 90 Deg. Clock 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.

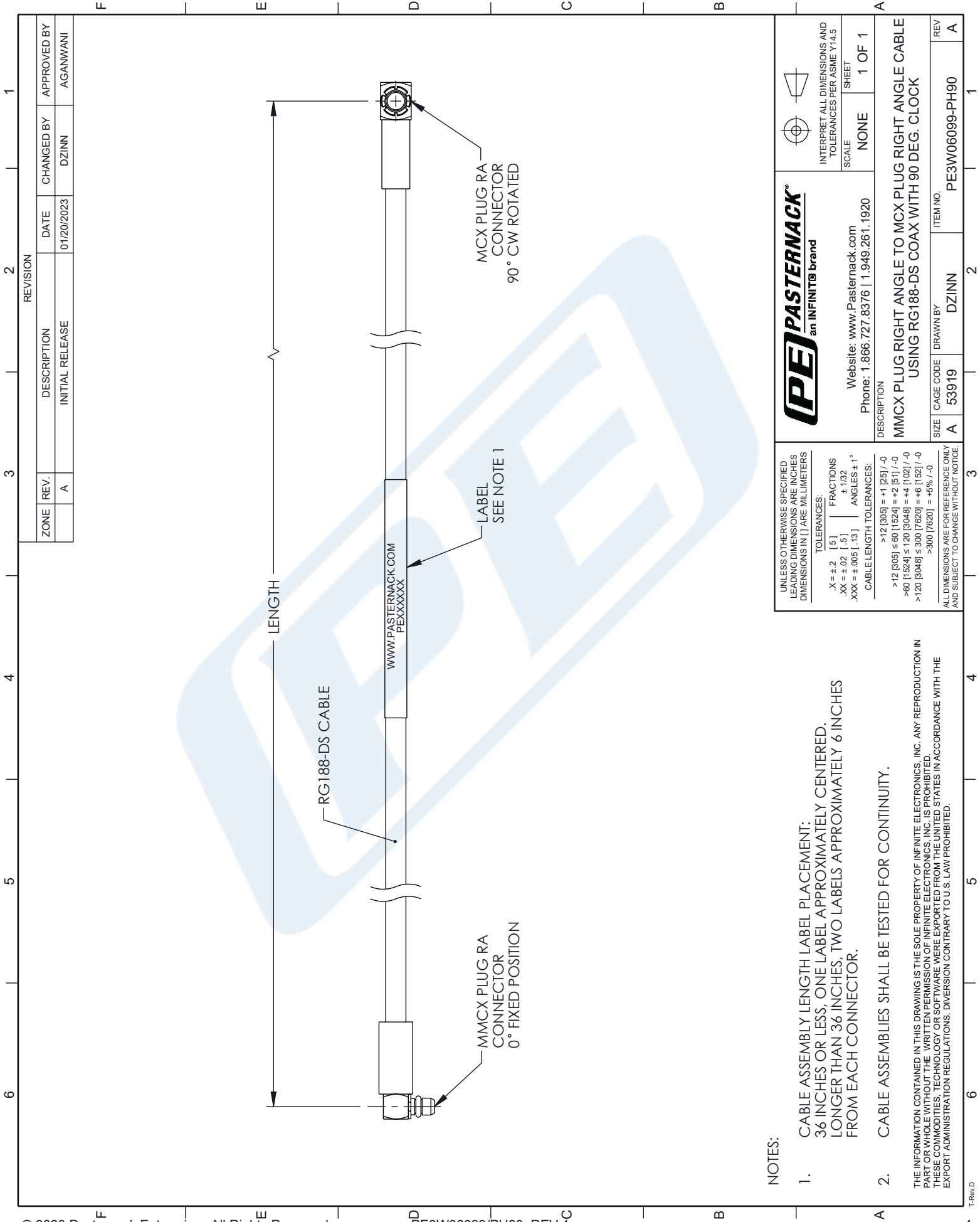
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMCX Plug Right Angle to MCX Plug Right Angle Cable Using RG188-DS Coax with 90 Deg. Clock PE3W06099/PH90](#)

URL: <https://www.pasternack.com/mmcx-plug-right-angle-to-mcx-plug-cable-using-rg188-ds-with-90-deg.-clock-pe3w06099-ph90-p.aspx>

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

PE3W06099/PH90 CAD Drawing

MMCX Plug Right Angle to MCX Plug Right Angle Cable
Using RG188-DS Coax with 90 Deg. Clock



NOTES:

- CABLE ASSEMBLY LENGTH LABEL PLACEMENT:
36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED.
LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
 - CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
- THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED.
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 PASTERNAK an INFINITE brand		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1	
DESCRIPTION MMCX PLUG RIGHT ANGLE TO MCX PLUG RIGHT ANGLE CABLE USING RG188-DS COAX WITH 90 DEG. CLOCK			
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		CAGE CODE A 53919	ITEM NO. PE3W06099-PH90
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: X = ±.2 [.5] FRACTIONS XX = ±.02 [.5] ANGLES ± 1° XXX = ±.005 [.13] CABLE LENGTH TOLERANCES: >12 [305] = +1 [25] / -0 >60 [1524] = +2 [51] / -0 >120 [3048] = +4 [102] / -0 >300 [7620] = +5% / -0		ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	