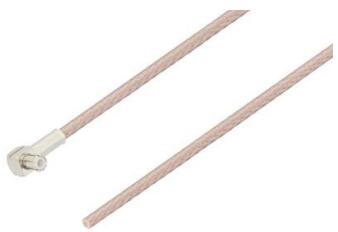# MCX Plug Right Angle to Straight Cut Lead Cable Using RG316-DS Coax
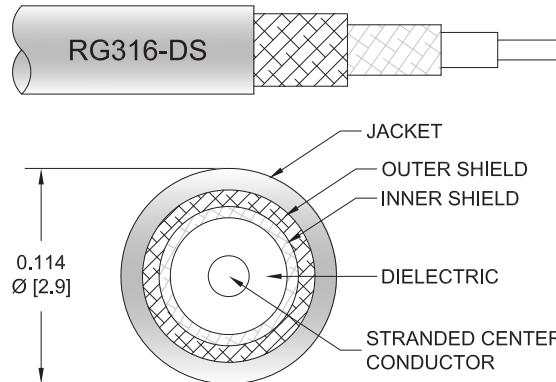
PE3C2785

Configuration

- Connector 1: MCX Plug Right Angle
- Connector 2: Straight Cut Lead
- Cable Type: RG316-DS
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket

RG316-DS

JACKET
OUTER SHIELD
INNER SHIELD

0.114 Ø [2.9]

DIELECTRIC

STRANDED CENTER CONDUCTOR

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C2785 50 ohm MCX plug right angle to straight cut lead cable using RG316-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. The right angle MCX interface on the RG316-DS cable allows 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
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight	0.02 lbs [9.07 g]

Cable

Cable Type	RG316-DS
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2

MCX Plug Right Angle to Straight Cut Lead Cable Using RG316-DS Coax
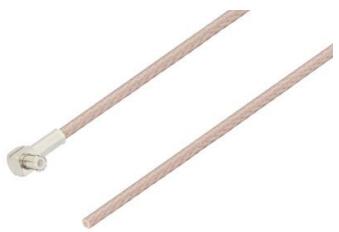
PE3C2785

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]

Connectors

Description	Connector 1	Connector 2
Type	MCX Plug Right Angle	Straight Cut Lead
Impedance	50 Ohms	0 Ohms
Configuration	Right Angle	Straight
Body Material and Plating	Brass, Nickel	

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

+1 (866) 558-2786 | sales@pasternack.com **| pasternack.com**

MCX Plug Right Angle to Straight Cut Lead Cable Using RG316-DS Coax
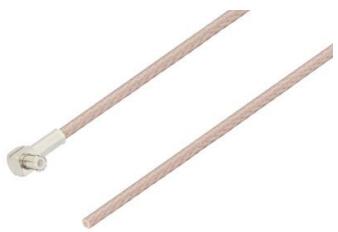
PE3C2785

Typical Performance Data

How to Order

Part Number Configuration: **PE3C2785** - xx   uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number
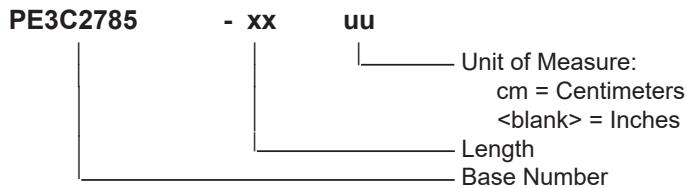
Example: PE3C2785-12 = 12 inches long cable
PE3C2785-100cm = 100 cm long cable

MCX Plug Right Angle to Straight Cut Lead Cable Using RG316-DS 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: MCX Plug Right Angle to Straight Cut Lead Cable Using RG316-DS Coax PE3C2785

URL: https://www.pasternack.com/mcx-plug-right-angle-to-straight-cut-lead-cable-using-rg316-ds-pe3c2785-p.aspx

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PE3C2785 CAD Drawing

MCX Plug Right Angle to Straight Cut Lead Cable Using RG316-DS Coax

STRAIGHT CUT

LENGTH
SEE NOTE 3

LABEL
SEE NOTE 1

WWW.PASTERNACK.COM
PEXXXXX

RG316-DS COAX CABLE

FERRULE

MCX PLUG
RIGHT ANGLE
CONNECTOR

NOTES:
1. 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.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	12/13/2023	DMAY	AGANWANI

REVISION

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
X = ± .2 [5]   FRACTIONS
XX = ± .02 [0.5]   ± 1/32
XXX = ± .005 [0.13]   ANGLES ± 1°

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY

Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION
MCX PLUG RIGHT ANGLE TO STRAIGHT CUT LEAD SEXLESS CABLE USING RG316-DS COAX

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	DMAY	PE3C2785	A

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE   SHEET: 1 OF 1

an INFINITE brand

PE DS Rev-D4 A size