



## MMCX Plug Right Angle Connector Crimp/ Solder Attachment For RG316-DS

### TECHNICAL DATA SHEET

PE44784

#### Configuration

Connector	MMCX Plug
Connector Specification	BS EN 122340
Connector Interface Type	RG316-DS
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

#### Electrical Specifications

Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Maximum VSWR	1.35:1
Maximum Operating Voltage, Volts	250

#### Mechanical Specifications

Temperature	
Operating Range, deg C	-55 to +155

#### Size

Length, in [mm]	0.53 [13.46]
Width/Dia., in [mm]	0.28 [7.11]
Weight, lbs [g]	0.003 [1.36]

#### Connector

Type	MMCX Plug
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Gold
Body Plating Specification	3µ in. minimum
Dielectric Type	Teflon

#### Compliance Certifications

 (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant Yes

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 Connector Crimp/Solder Attachment For RG316-DS PE44784](#)

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.



## MMCX Plug Right Angle Connector Crimp/ Solder Attachment For RG316-DS

### TECHNICAL DATA SHEET

PE44784

#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

MMCX Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

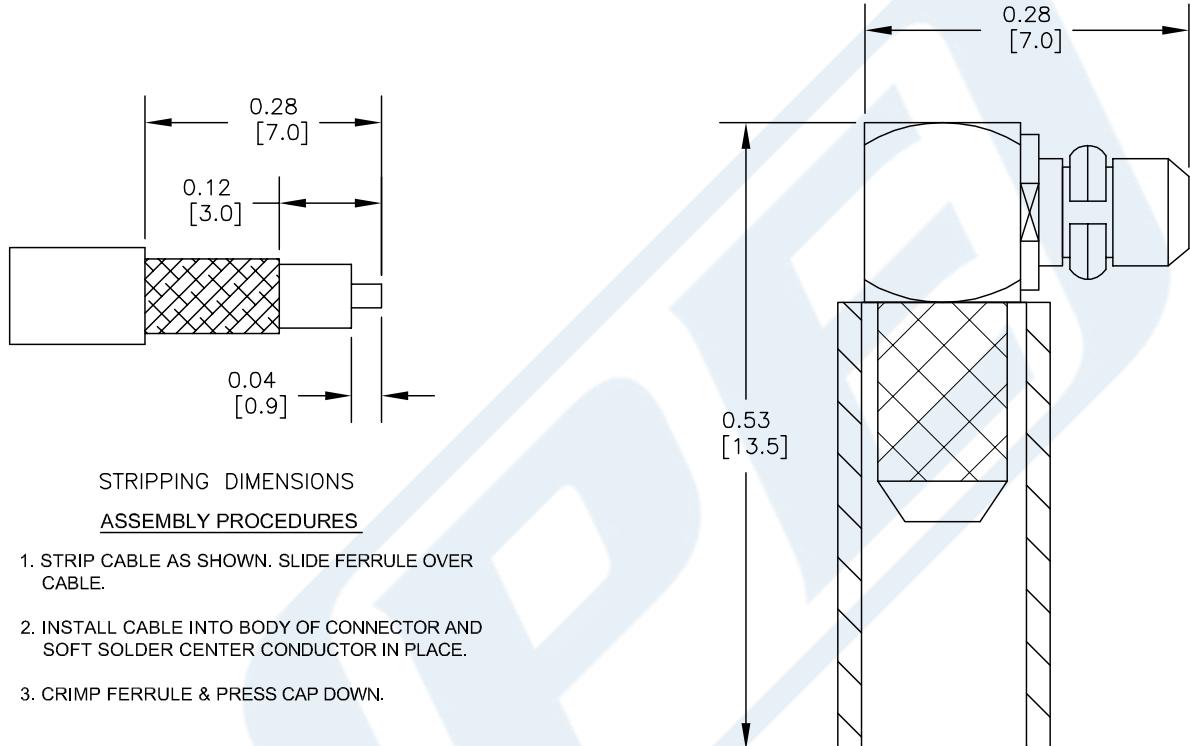
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMCX Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS PE44784](#)

URL: <http://www.pasternack.com/mmcx-plug-standard-rg316-ds-connector-pe44784-p.aspx>

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# PE44784 CAD Drawing

MMCX Plug Right Angle Connector Crimp/Solder Attachment For RG316-DS



## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS CAP DOWN.

## CRIMP SIZE REQUIRED

FERRULE: .128" HEX CRIMP TOOL

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DWG TITLE

**PE44784**

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. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919

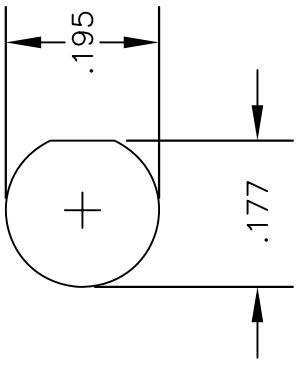
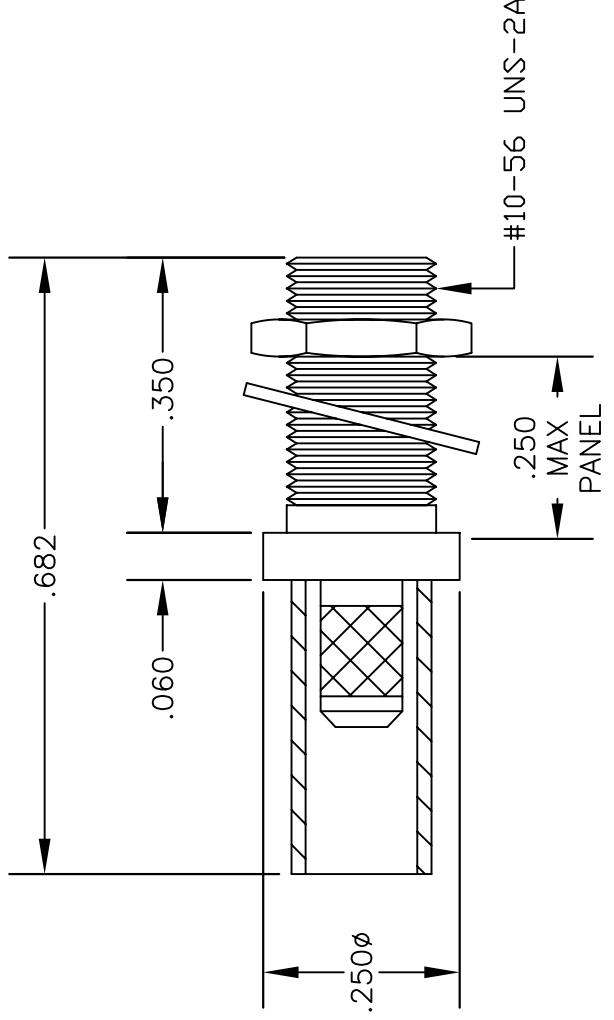
CAD FILE 021814

SCALE N/A

SIZE A

2233

MATERIALS	
BODY	BRASS GOLD PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



Mounting Hole



PASTERNACK ENTERPRISES<sup>®</sup>

ESTABLISHED 1972

DWG TITLE  
**PE4888**

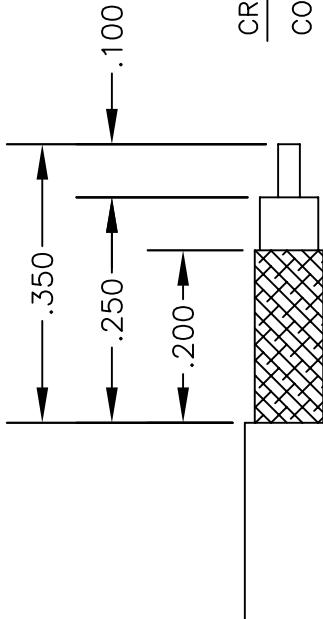
DES. MCX JACK BULKHEAD, CRIMP ATTACHMENT  
FOR RG188-DS & RG316-DS

SIZE A    FSCM NO. 53919    CAD FILE 061202    SCALE N/A    127

STRIPPING DIMENSIONS

CONTACT: SOLDER  
FERRULE: .151" HEX CRIMP TOOL

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



## Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket

### RF Cables Technical Data Sheet

**RG316-DS**

#### Configuration

- Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Velocity of Propagation		70		%
Operating Voltage (AC)			1,200	Vrms
Nominal Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.4	1	3		GHz
Attenuation, Typ	11.5	17.2	30	54.5		dB/100ft
	37.73	56.43	98.43	178.81		dB/100m
Input Power (CW), Max	430	210	130			Watts

#### Mechanical Specifications

Diameter	0.114 in [2.9 mm]
Weight	0.015 lbs/ft [0.02 Kg/m]
Min. Bend Radius (Repeated)	0.591 in [15.01 mm]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver7	0.02 in 0.51 mm
Conductor Type	Stranded	
Dielectric	PTFE	0.06 in 1.52 mm
First Shield	Silver Plated Copper Braid	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket RG316-DS](#)

## Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket

### RF Cables Technical Data Sheet

RG316-DS

Second Shield	Silver Plated Copper Braid	0.094 in [2.39 mm]
Jacket	FEP, Tan	0.114 in [2.9 mm]

#### Environmental Specifications

##### Temperature

Operating Range

-55 to +200 deg C

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

#### Plotted and Other Data

Notes:

Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket 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: [Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket RG316-DS](#)

URL: <https://www.pasternack.com/flexible-0.114-rg316-ds-50-ohm-coax-cable-fep-jacket-rg316-ds-p.aspx>

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# RG316-DS CAD Drawing

Flexible RG316-DS Coax Cable Double Shielded with Tan FEP Jacket

