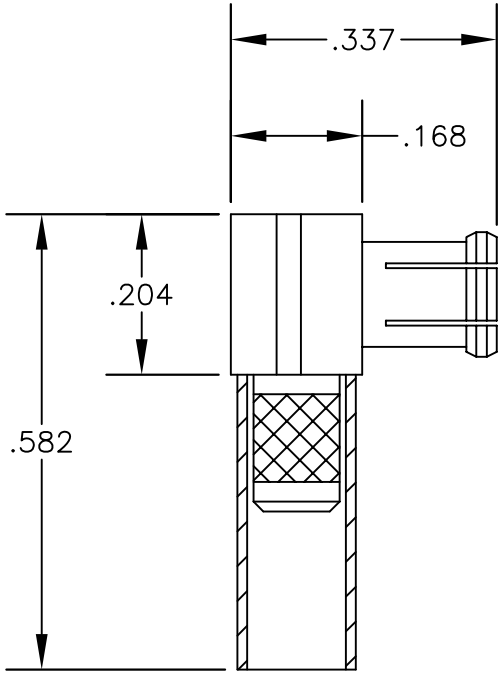
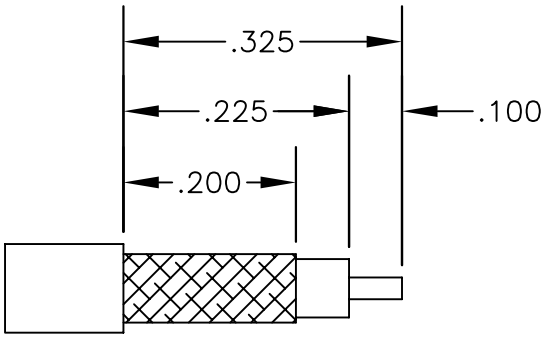
MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE





STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

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

CRIMP SIZE REQUIRED

FERRULE: .151" HEX CRIMP TOOL

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E-MAIL ADDRESS: sales@pasternack.com
COAXIAL & FIBER OPTICS

DWG TITLE **PE4879**

DES. MCX PLUG, RIGHT ANGLE, CRIMP ATTACHMENT FOR RG188-DS & RG316-DS

SIZE A	FSCM NO. 53919	CAD FILE 061802	SCALE N/A		127

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

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SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-DS

TECHNICAL DATA SHEET PE44792

SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-DS

Configuration

Connector	SMB Plug
Connector Specification	MIL-STD-348A
Connector Interface Type	RG316-DS,RG188-DS
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	1,000

Frequency 1

Frequency, GHz	DC to 3
VSWR	1.37:1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165

Size

Length, in [mm]	0.91 [23.11]
Width/Dia., in [mm]	0.256 [6.50]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	SMB Plug
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-DS PE44792

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.

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SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-DS

TECHNICAL DATA SHEET PE44792

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes: Values at 25 °C, sea level

SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-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: SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-DS PE44792

URL: http://www.pasternack.com/smb-plug-standard-rg316-ds-rg188-ds-connector-pe44792-p.aspx

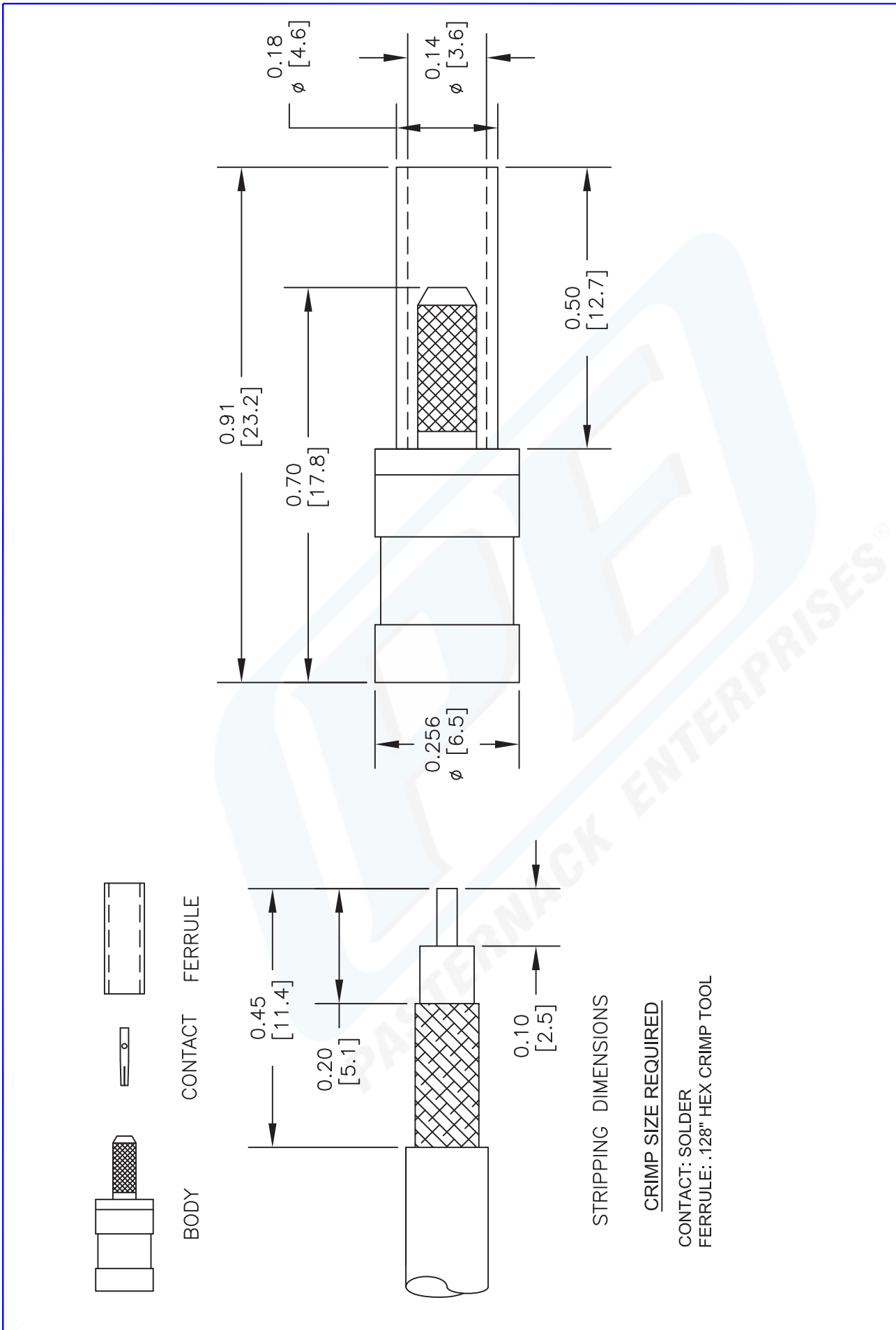
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PE44792 CAD Drawing

SMB Plug Connector Crimp/Solder Attachment For RG316-DS, RG188-DS



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Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket



TECHNICAL DATA SHEET RG316-DS

Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	FEP, Tan

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	70
Maximum Operating Frequency, GHz	3
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	1,200

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	8 [26.25]

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	16.2 [53.15]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	26.1 [85.63]

Frequency 4

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	46.7 [153.22]

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +200

Inner Conductor

Number of Strands	7
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.02 [0.51]

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

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Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket



TECHNICAL DATA SHEET RG316-DS

Dielectric:	
Type	PTFE
Diameter, in [mm]	0.06 [1.52]
Shield:	
Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.096 [2.44]
Jacket:	
Material	FEP
Diameter, in [mm]	0.114 [2.9]
Color	Tan
One Time Minimum Bend Radius, in [mm]	0.59 [14.99]
Weight, lbs/ft [Kg/m]	0.016 [0.02]

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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

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

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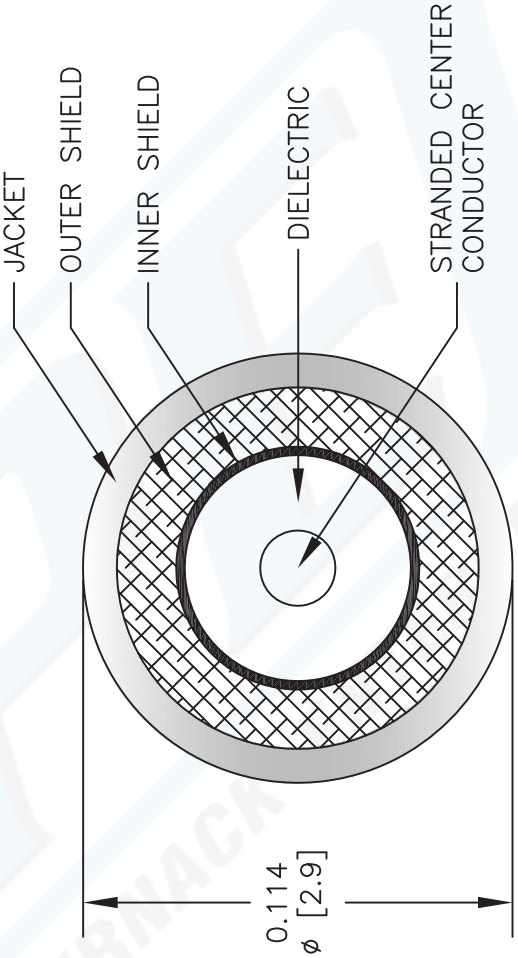
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RG316-DS CAD Drawing

Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket





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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE: RG316-DS

FSCM NO. 53919

CAD FILE 041812-B | SCALE N/A | SIZE A | 2233

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