



SMC Jack Connector Crimp/Solder Attachment
for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45156

Configuration

Connector	SMC Jack
Connector Specification	MIL-C-39012
Connector Interface Type	RG188-DS, RG316-DS
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 10 GHz
Impedance	50 Ohms
Maximum Operating Voltage	335 Volts

Mechanical Specifications

Size

Length	0.95 in [24.13 mm]
Width/Dia.	0.235 in [5.97 mm]
Weight	0.005 lbs [2.27 g]

Connector

Type	SMC Jack
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45156](#)



SMC Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45156

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMC Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

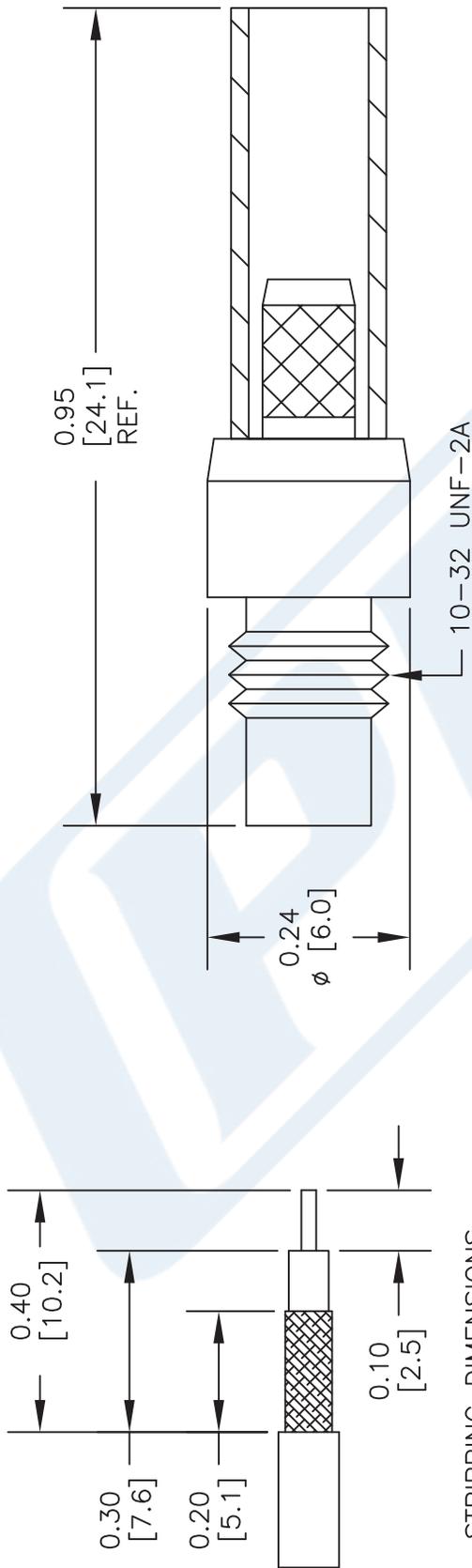
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URL: <http://www.pasternack.com/smc-jack-rg188-ds-rg316-ds-connector-pe45156-p.aspx>

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PE45156 CAD Drawing

SMC Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
 FERRULE: .128" HEX CRIMP TOOL



Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE

PE45156

FSCM NO. 53919

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.

CAD FILE 031615

SCALE N/A

SIZE A

2233



SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG188-DS, RG316-DS, .177 inch D Hole

TECHNICAL DATA SHEET

PE45157

Configuration

Connector	SMC Jack
Connector Specification	MIL-STD-348A
Connector Interface Type	RG188-DS, RG316-DS
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Frequency Range	DC to 10 GHz
Impedance	50 Ohms
Maximum Operating Voltage	335 Volts
Dielectric Withstanding Voltage	1,000 Vrms

Frequency 1

Frequency	DC to 3 GHz
VSWR	1.3:1

Mechanical Specifications

Temperature

Operating Range	-65 to +165 deg C
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Size

Length	1 in [25.4 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

Connector

Type	SMC Jack
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100µ in. minimum
Dielectric Type	Teflon

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG188-DS, RG316-DS, .177 inch D Hole PE45157](#)



SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG188-DS, RG316-DS, .177 inch D Hole

TECHNICAL DATA SHEET

PE45157

Plotted and Other Data

Notes:

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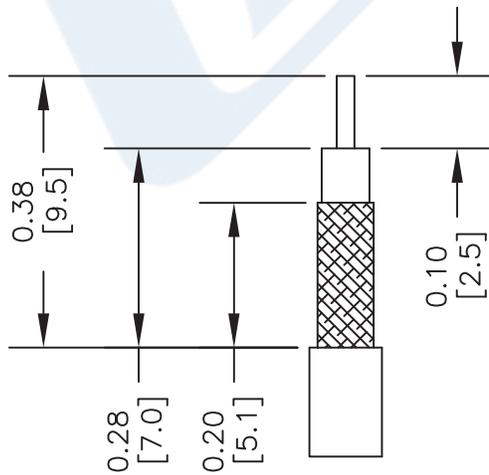
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PE45157 CAD Drawing

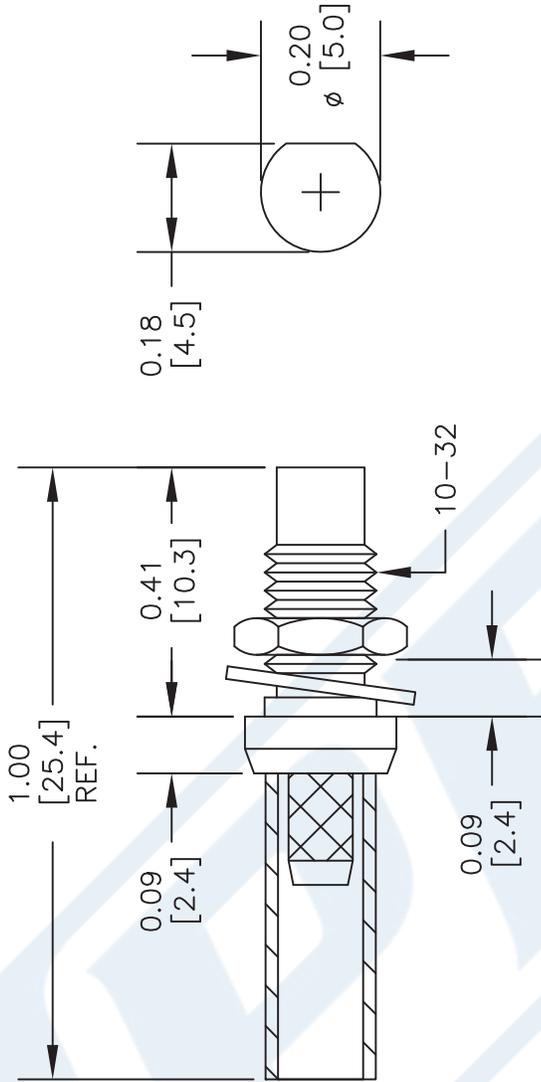
SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment
for RG188-DS, RG316-DS, .177 inch D Hole



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
FERRULE: .128" HEX CRIMP TOOL



MOUNTING HOLE

DWG TITLE

PE45157

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FSCM NO. 53919

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Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

RF Cables Technical Data Sheet

RG188-DS

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
Impedance		50		Ohms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
Nominal Capacitance		32 [104.99]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5	10	GHz
Attenuation, Typ	3.8	11.5	30	79	133	dB/100ft
	12.47	37.73	98.43	259.19	436.35	dB/100m
Input Power (CW), Max	1,250	450	160	57		Watts

Mechanical Specifications

Diameter	0.118 in [3 mm]
Weight	0.016 lbs/ft [0.02 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, Silver, 7 Strands	0.02 in [0.51 mm]
Conductor Type	Stranded	
Dielectric	PTFE	0.06 in [1.52 mm]
First Shield	Silver Plated Copper Braid 90% coverage	0.078 in [1.98 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS](#)

Flexible RG188 Coax Cable Double
Shielded with White PTFE Jacket

RF Cables Technical Data Sheet

RG188-DS

Second Shield	Silver Plated Copper Braid 90% coverage	0.096 in [2.44 mm]
Jacket	PTFE, White	0.118 in [3 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 RG188 Coax Cable Double Shielded with White PTFE 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.

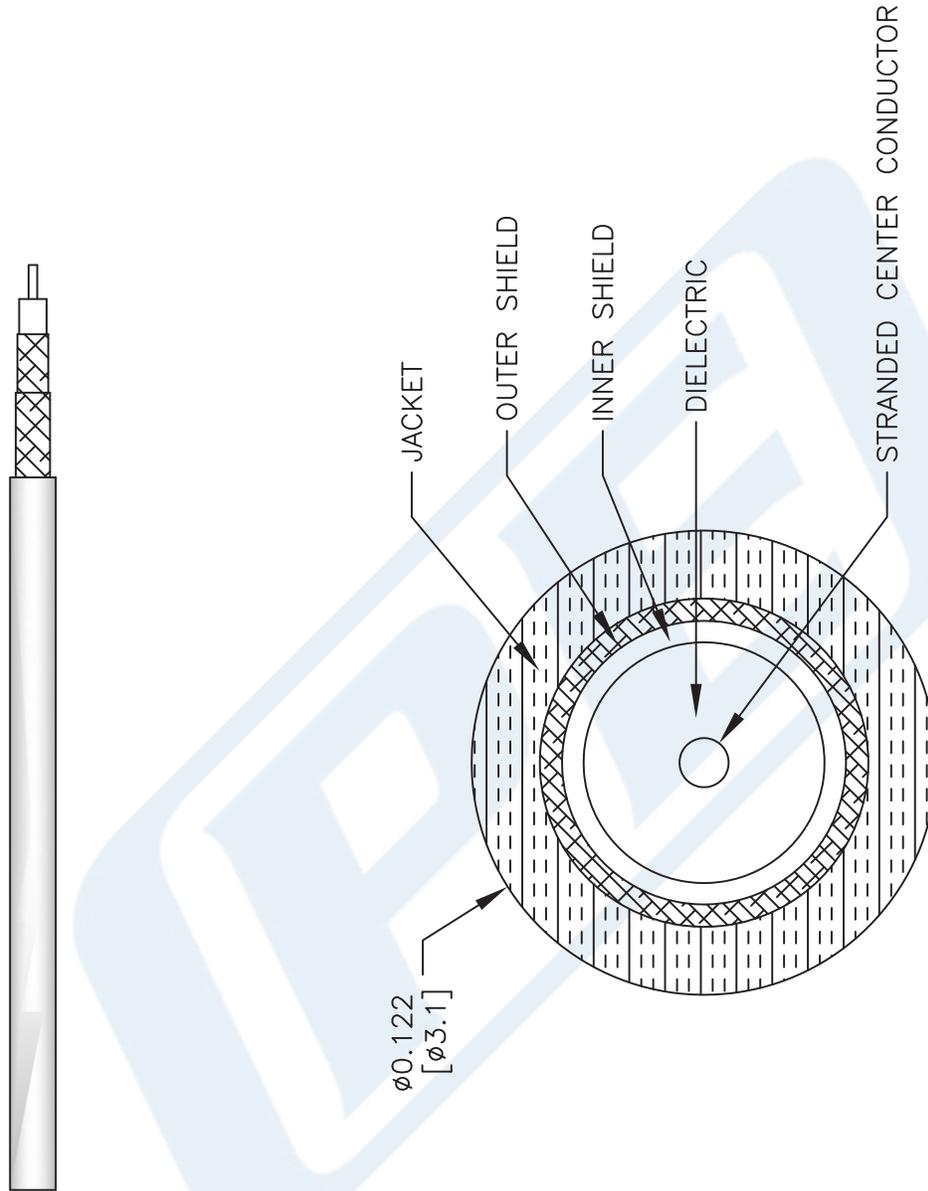
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URL: <https://www.pasternack.com/flexible-0.122-rg188-ds-50-ohm-coax-cable-ptfe-jacket-rg188-ds-p.aspx>

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RG188-DS CAD Drawing

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket



DWG TITLE

RG188-DS

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CAGE CODE 53919

CAD FILE 062817

SCALE N/A

SIZE A

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