



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

RF Connectors Technical Data Sheet

PE4885

Configuration

- MCX Jack Connector
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4885 MCX jack connector with crimp/solder attachment for RG188-DS and RG316-DS is part of our full line of RF components available for same-day shipping.

Our MCX jack connector PE4885 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Weight 0.006 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Body	Brass	Nickel

Environmental Specifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MCX Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE4885](#)



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

RF Connectors Technical Data Sheet

PE4885

MCX 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 99.4% 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 Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE4885](https://www.pasternack.com/mcx-jack-rg188-ds-rg316-ds-connector-pe4885-p.aspx)

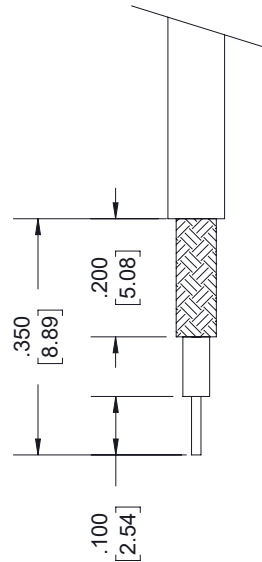
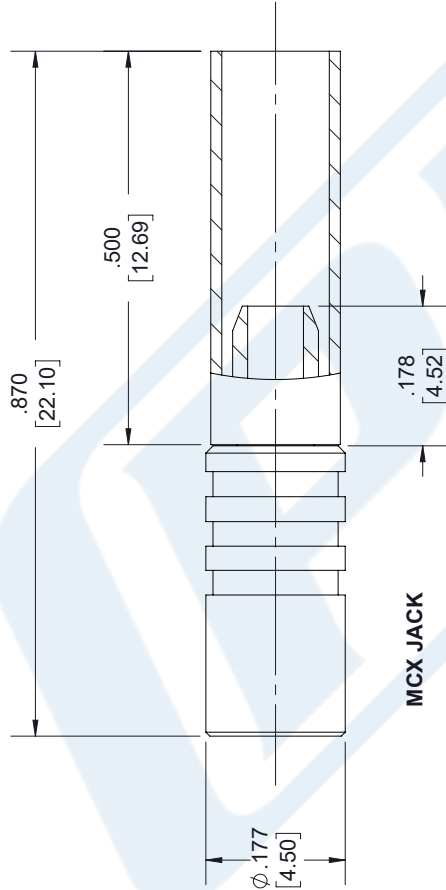
URL: <https://www.pasternack.com/mcx-jack-rg188-ds-rg316-ds-connector-pe4885-p.aspx>

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PE4885 CAD Drawing

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

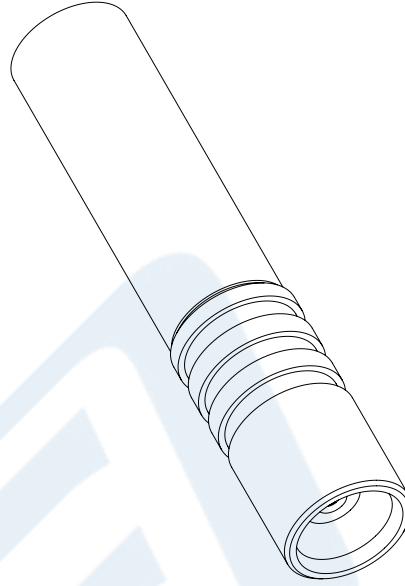
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.1	PCR PE4885 20190418	04/27/19	J. GARCIA



STRIPPING DIMENSIONS

NOTES:

- CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER: SOLDER.
- CRIMP SIZE REQUIRED:
 - FERRULE: .151 [3.84] HEX. CRIMP TOOL.
 - CONTACT: SOLDER.



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X±.2 [5.08]	±.132
XX±.01 [.25]	±.132
XXX±.005 [.13]	ANGLES ± 1°
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION	

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SIZE	PART NUMBER
A	53919
DRAWN BY	REV
K.DANG	PE4885
SCALE	1.1
SHEET 1 OF 1	N/A

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N Female Bulkhead Mount Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

RF Connectors Technical Data Sheet

PE44877

Configuration

- N Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment
- Bulkhead

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.66 in [42.16 mm]
Width/Dia.	0.81 in [20.57 mm]
Weight	0.082 lbs [37.19 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30μ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 100μ in. minimum

Environmental Specifications

Temperature

Operating Range	-65 to 165 deg C
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE44877](#)



N Female Bulkhead Mount Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

RF Connectors Technical Data Sheet

PE44877

Plotted and Other Data

Notes:

N Female Bulkhead Mount 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE44877](#)

URL: <http://www.pasternack.com/n-female-rg188-ds-rg316-ds-connector-pe44877-p.aspx>

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N Female Bulkhead Mount Connector Crimp/Solder Attachment for RG188-DS, RG316-DS



FSCM NO. 53919

CAD FILE 050616

SCALE N/A

SIZE A

2233

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](#)

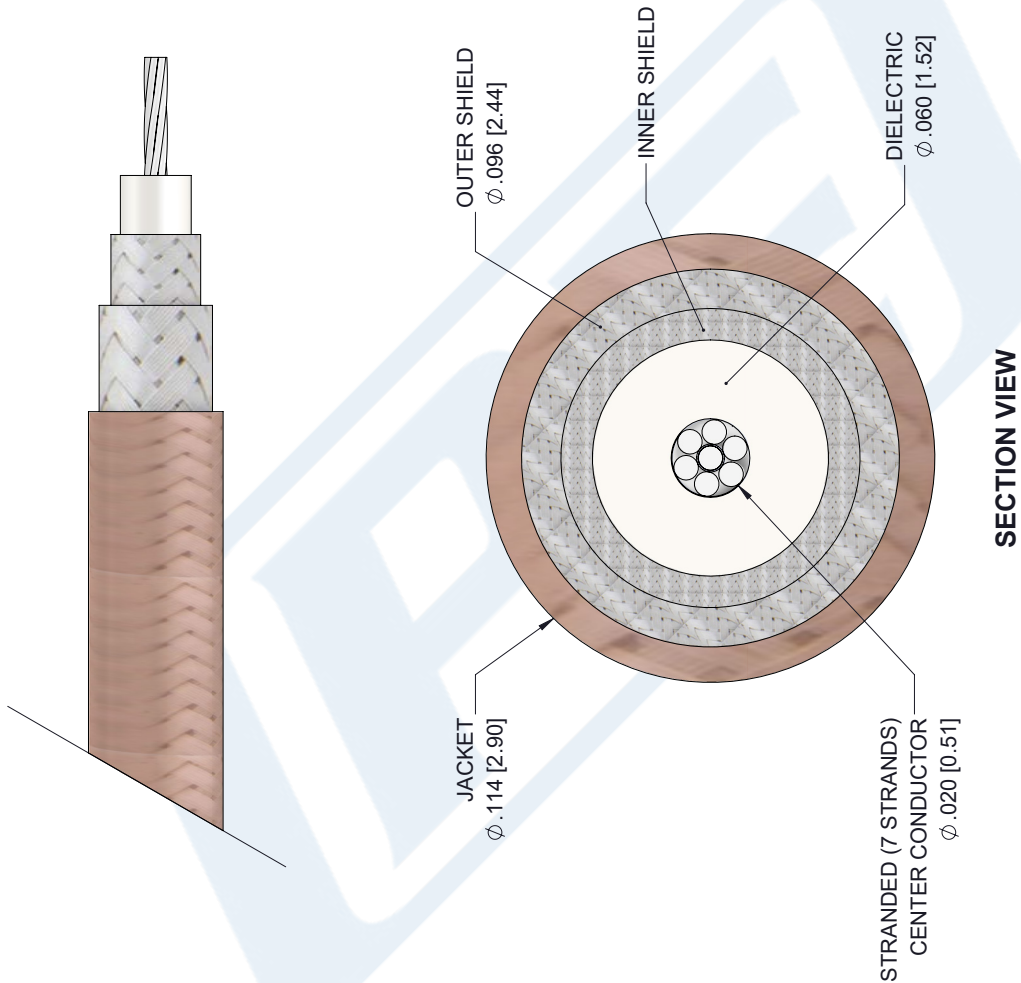
URL: <https://www.pasternack.com/flexible-0.114-rg316-ds-50-ohm-coax-cable-fep-jacket-rg316-ds-p.aspx>

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RG316-DS CAD Drawing

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.1	PCR RG316-DS 20190701	07/15/19	S.ELLIS



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TOLERANCES:	FRACTIONS
X±.2 [5.08]	±.132
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SIZE [CAGE] DRAWN BY K.Dang		SCALE N/A	REV
A 53919		PART NUMBER RG316-DS	

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