





## Banana Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

### TECHNICAL DATA SHEET

PE45164

#### Configuration

Connector: Banana Plug  
 Connector Interface Type: RG188-DS, RG316-DS  
 Attachment Method (Shield/Contact): Crimp/Solder  
 Body Style: Straight

#### Electrical Specifications

Impedance: 0 Ohms

#### Mechanical Specifications

##### Size

Length: 2.54 in [64.52 mm]  
 Width/Dia.: 1.175 in [29.85 mm]  
 Height: 0.65 in [16.51 mm]  
 Weight: 0.041 lbs [18.6 g]

##### Connector

Type: Banana Plug  
 Contact Material and Plating: Brass, Nickel  
 Body Material and Plating: Brass, Nickel  
 Dielectric Type: ABS

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

Not RoHS Compliant

#### Plotted and Other Data

Notes:

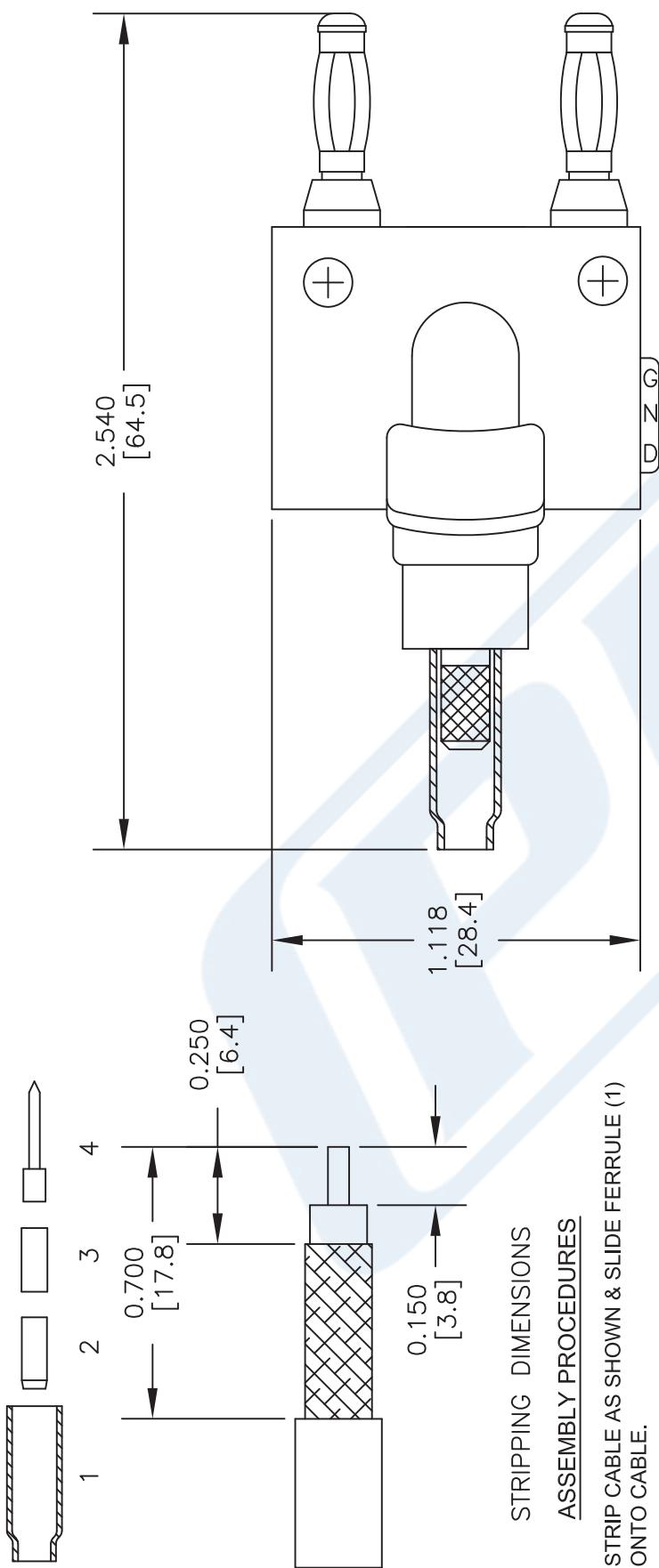
- Values at +25 °C, sea level

Banana Plug 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: [Banana Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45164](http://www.pasternack.com/banana-plug-rg188-ds-rg316-ds-connector-pe45164-p.aspx)

URL: <http://www.pasternack.com/banana-plug-rg188-ds-rg316-ds-connector-pe45164-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL  
FERRULE: .178" HEX CRIMP TOOL

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.

DWG TITLE	PE45164
FSCM NO.	53919
CAD FILE	031815
SCALE	N/A
SIZE	A
	2233

# 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
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##### 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](http://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>

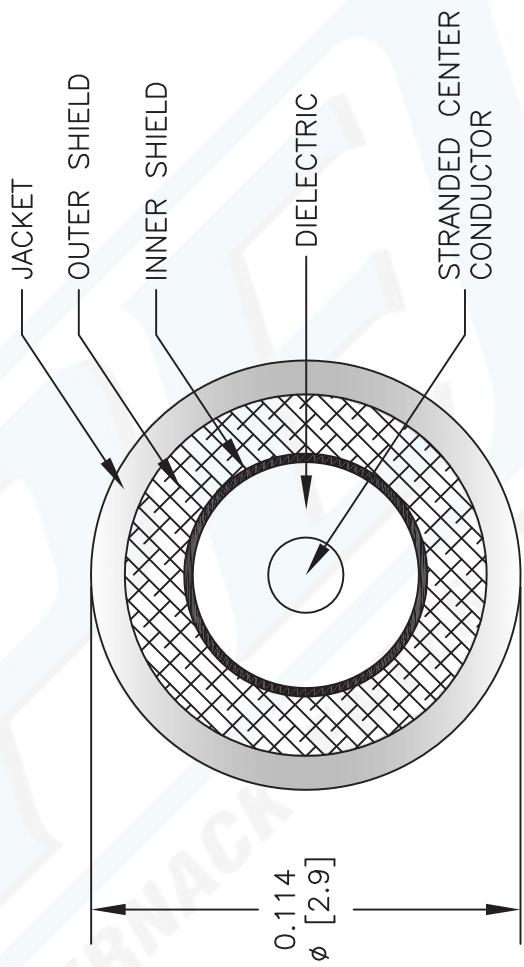
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# RG316-DS CAD Drawing

Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket



**RG316/DS**



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DWG TITLE

**RG316-DS**

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CAD FILE 041812-B

SCALE N/A

SIZE A

2233