


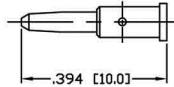
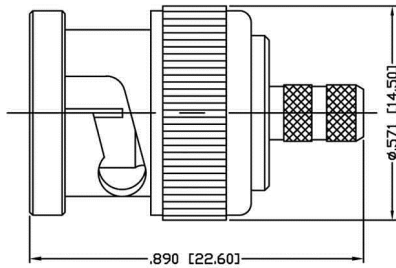
**Material Specifications**

Left Connector: C1013  
 Right Connector: C1001  
 Cable: RG188

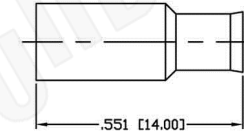
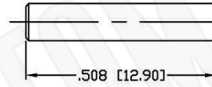
**NOTES:**

1. XX EQUALS LENGTH IN INCHES

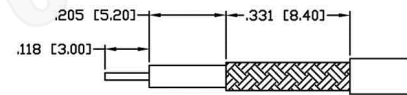
 <b>Federal Custom Cable</b> www.FCCable.com  1891 Alton Parkway, Irvine, CA 92606 Phone: (949) 851-3114   Fax: (949) 852-8136 Sales@FCCable.com	<b>CAGE CODE</b> 1UKX3	<b>Part Number:</b> CA1025-XX	<b>Description:</b> BNC MALE TO BNC FEMALE CABLE ASSEMBLY WITH RG188 CABLE
	<b>Dimensions</b> Millimeters   Inches		
	<b>Scale:</b> N/A	<b>NOTES:</b> 1. DIMENSIONS ARE IN MILLIMETERS   INCHES 2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL 3. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE	THIS DRAWING CONTAINS PROPRIETART INFORMATION THAT BELONGS TO FEDERAL CUSTOM CABLE, LLC. ANY UNAUTHORIZED USE OF THIS DRAWING IS PROHIBITED WITHOUT WRITTEN PERMISSION FROM FEDERAL CUSTOM CABLE. ALL RIGHTS RESERVED. ©2020 COPYRIGHT FEDERAL CUSTOM CABLE, LLC.
	<b>Revision:</b>		



RECOMMENDED CRIMP DIE: .068"



RECOMMENDED CRIMP DIE: .130" & .178"



RECOMMENDED STRIPPING DIMENSIONS

### Material Specifications

Cable(s): RG174-RG188-RG316  
 Body: Brass  
 Finish: Nickel  
 Insulation: Teflon  
 Impedence: 50 Ohms



**Federal Custom Cable**  
[www.FCCable.com](http://www.FCCable.com)

CAGE CODE  
1UKX3

Part Number:

Description:

**C1013**

**BNC MALE CONNECTOR CRIMP FOR RG174, RG188, RG316, B7805A CABLES**

1891 Alton Parkway, Irvine, CA 92606  
 Phone: (949) 851-3114 | Fax: (949) 852-8136

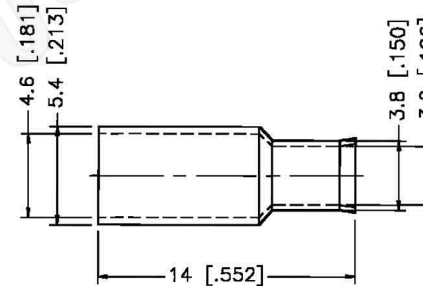
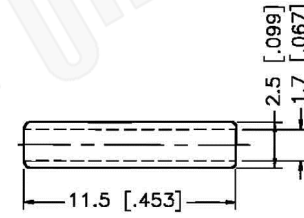
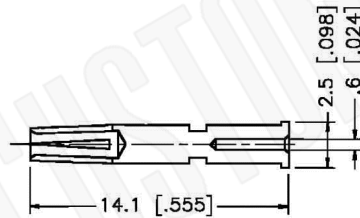
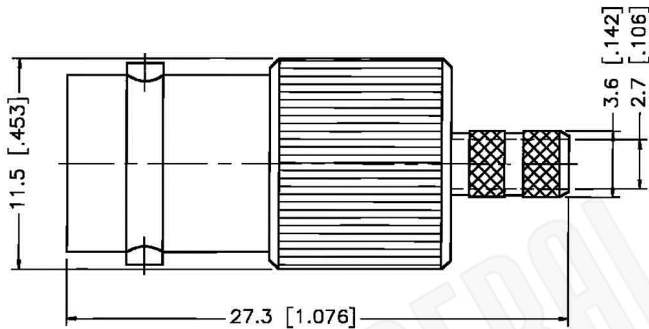
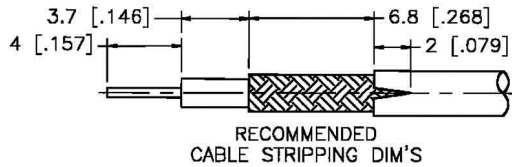
Dimensions  
Millimeters | Inches

Scale: N/A

Revision:

NOTES:  
 1. DIMENSIONS ARE IN MILLIMETERS | INCHES  
 2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL  
 3. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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### Material Specifications

Cable(s): RG316, U-DOUBLE BRAIDED  
 Body: Brass  
 Finish: Nickel  
 Insulation: Teflon  
 Impedence: 50 Ohms



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[www.FCCable.com](http://www.FCCable.com)

**CAGE CODE**  
 1UKX3

**Part Number:**

**Description:**

**C1001**

**BNC FEMALE CONNECTOR CRIMP FOR RG174,  
 RG188, RG316, B7805A CABLES**

1891 Alton Parkway, Irvine, CA 92606  
 Phone: (949) 851-3114 | Fax: (949) 852-8136  
[Sales@FCCable.com](mailto:Sales@FCCable.com)

**Dimensions**  
 Millimeters | Inches

**Scale:** N/A

**Revision:**

**NOTES:**  
 1. DIMENSIONS ARE IN MILLIMETERS | INCHES  
 2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL  
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# RG188A/U

## 50-Ohm Flexible Coax Cable; 0.110" Diameter, Single Shield, White PTFE Jacket



PART NUMBER:	<b>RG188A/U</b>
CATAGORY:	FLEXIBLE
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS +/-2
DIELECTRIC:	EXPANDED TEFLON
OVERALL DIAMETER:	0.100"
DIELECTRIC DIAMETER:	0.060"

### PHYSICAL CHARACTERISTICS:

SHIELD:	SILVER PLATED COPPER
JACKET:	TEFLON
OPERATING TEMPERATURE:	-55 C TO +250 C
WEIGHT:	12.0 LBS/1000FT
CENTER CONDUCTOR:	0.0201" DIAMETER (7/0.0067") SILVER COPPER CLAD STEEL

### ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29.4 PFARAD/FT
MAXIMUM OPERATING VOLTAGE:	1200 VRMS
MAXIMUM ATTENUATION:	(dB/100FT)
A. 100 MHz:	11.0
B. 400 MHz:	21.0
C. 1 GHz:	38.0
D. 3 GHz:	58.0
MAXIMUM FREQUENCY (GHz):	3.0
MAXIMUM POWER:	
A. 400 MHz:	240
B. 1 GHz:	160
C. 3 GHz:	80
D. 5 GHz:	57
E. 10 GHz:	30