


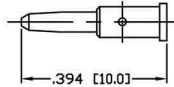
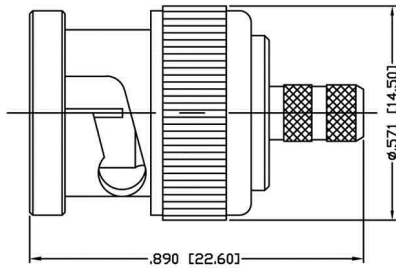
**Material Specifications**

Left Connector: C1013  
 Right Connector: C1144  
 Cable: RG188

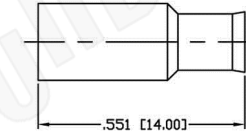
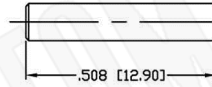
**NOTES:**

1. XX EQUALS LENGTH IN INCHES
2. LF DESIGNATES LEAD FREE SOLDER

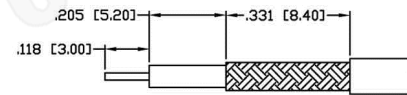
|   |                                    |   |   |
|---|------------------------------------|---|---|
|  <b>Federal Custom Cable</b><br>www.FCCable.com<br><br>1891 Alton Parkway, Irvine, CA 92606<br>Phone: (949) 851-3114   Fax: (949) 852-8136<br>Sales@FCCable.com | CAGE CODE<br>1UKX3                 | Part Number:<br><b>CA1596LF-XX</b>  | Description:<br><b>BNC MALE TO SMA MALE RIGHT ANGLE COAX CABLE ASSEMBLY WITH RG188 FLEXIBLE CABLE ROHS LEAD FREE</b>  |
|   | Dimensions<br>Millimeters   Inches |   |   |
|   | Scale: N/A                         | NOTES:<br>1. DIMENSIONS ARE IN MILLIMETERS   INCHES<br>2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL<br>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. |
|   | Revision:                          |   |   |



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  
[Sales@FCCable.com](mailto:Sales@FCCable.com)

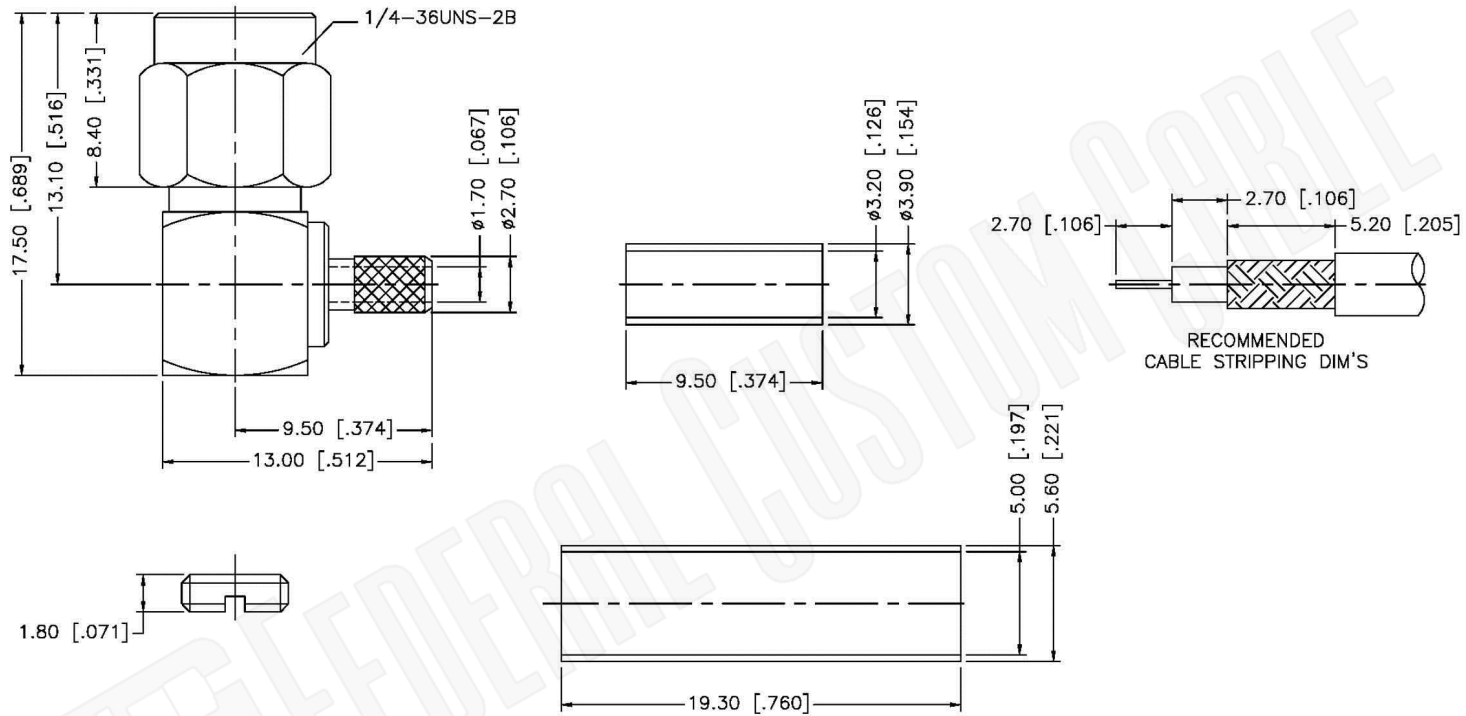
Dimensions  
Millimeters | Inches

Scale: N/A

Revision:

NOTES:  
 1. DIMENSIONS ARE IN MILLIMETERS | INCHES  
 2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL  
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NOTES:  
1. CRIMPED FERRULE HEX CRIMP SIZE .128"



**Material Specifications**

Cable(s): RG174, 188A, 316, B7805A  
 Body: Brass  
 Finish: Gold  
 Insulation: Teflon  
 Impedence: 50 Ohms

**FCC** Federal Custom Cable  
 www.FCCable.com  
 1891 Alton Parkway, Irvine, CA 92606  
 Phone: (949) 851-3114 | Fax: (949) 852-8136  
 Sales@FCCable.com

CAGE CODE  
1UKX3  
 Dimensions  
Millimeters | Inches  
 Scale: N/A  
 Revision:

Part Number:  
**C1144**  
 NOTES:  
 1. DIMENSIONS ARE IN MILLIMETERS | INCHES  
 2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL  
 3. SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Description:  
**SMA MALE CONNECTOR RIGHT ANGLE CRIMP FOR  
 RG174, RG188, RG316, B7805A CABLES**  
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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             |