


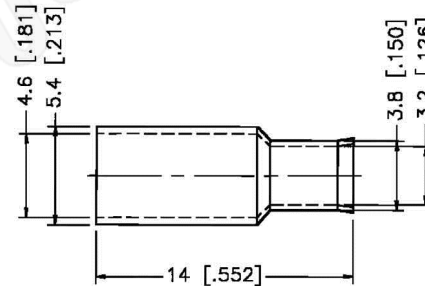
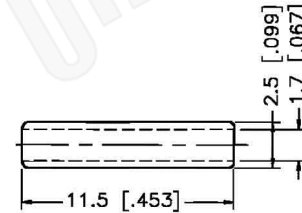
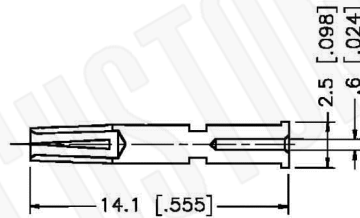
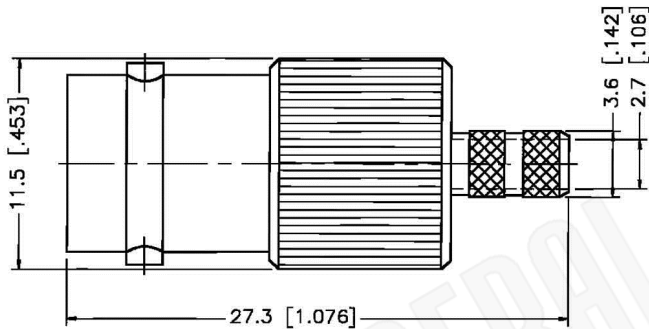
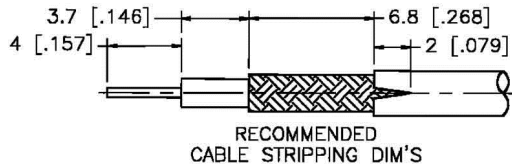
**Material Specifications**

Left Connector: C1001  
 Right Connector: C1001  
 Cable: RG174

**NOTES:**

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

 <b>Federal Custom Cable</b> <a href="http://www.FCCable.com">www.FCCable.com</a>  1891 Alton Parkway, Irvine, CA 92606 Phone: (949) 851-3114   Fax: (949) 852-8136 <a href="mailto:Sales@FCCable.com">Sales@FCCable.com</a>	CAGE CODE 1UKX3	Part Number: <b>CA1004LF-XX</b>	Description: <b>BNC FEMALE TO BNC FEMALE COAX CABLE ASSEMBLY WITH RG174 FLEXIBLE CABLE ROHS LEAD FREE</b>
	Dimensions Millimeters   Inches		
	Scale: N/A	NOTES: 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.
	Revision:		



### Material Specifications

Cable(s): RG316, U-DOUBLE BRAIDED  
 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:**

**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

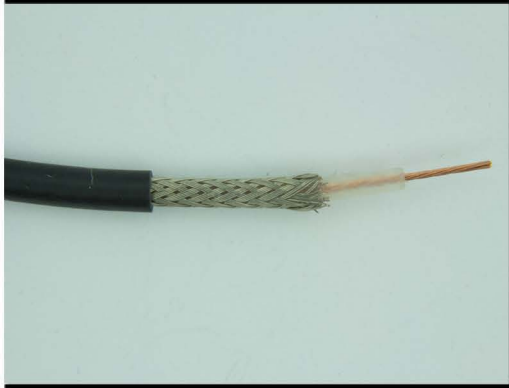
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# RG174A/U

## 50-Ohm Flexible Coax Cable; 0.100" Diameter, Single Shield, Black PVC Jacket



PART NUMBER:	<b>RG174A/U</b>
CATAGORY:	SEMI-RIGID
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	POLYETHYLENE
INSULATION DIAMETER:	0.060"
OVERALL DIAMETER:	0.110"

### CONDUCTOR:

AWG:	26
STRANDING:	7X34
DIAMETER:	0.0191 IN.
MATERIAL:	BCCS (BARE COPPER COVERED STEEL)

### PHYSICAL & MECHANICAL CHARACTERISTICS:

OUTER SHIELD TYPE:	BRAID
OUTER SHIELD MATERIAL:	TC (TINNED COPPER)
OUTER JACKET MATERIAL:	PVC (POLYVINYL CHLORIDE)
OPERATING TEMPERATURE RANGE:	-40 TO +75 DEGREES C
CABLE WEIGHT:	8.4 LBS/1000FT
MAXIMUM PULLING TENSION:	21 LBS.
MINIMUM BEND RADIUS (INSTALL):	1.0 IN.

### ELECTRICAL CHARACTERISTICS:

INDUCTANCE:	0.077 MICROHENRY/FT
CAPACITANCE:	30.8 pF/FT
VELOCITY OF PROPAGATION:	66%
DELAY:	1.54 NS/FT
CONDUCTOR DC RESISTANCE:	97 OHMS/1000FT @20 DEGREES C
OUTER SHIELD DC RESISTANCE:	10.7 OHMS/1000FT @ 20 DEGREES C
MAXIMUM OPERATING VOLTAGE:	1100 VRMS (MILITARY)

NOMINAL ATTENUATION:	(dB/100FT)
A. 1 MHz:	1.9
B. 100 MHz:	8.4
C. 400 MHz:	19.0
D. 700 MHz:	27.0
E. 900 MHz:	31.0
F. 1.0 GHz:	34.0

# FEDERAL CUSTOM CABLE

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

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## **ELECTRICAL CHARACTERISTICS CONTINUED:**

<b>MAXIMUM POWER:</b>	<b>(WATTS)</b>
A. 1 MHz:	976
B. 100 MHz:	161
C. 400 MHz:	120
D. 700 MHz:	112
E. 900 MHz:	109
F. 1.0 GHz:	108

1891 Alton Prkwy | Irvine, California 92606

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