


Material Specifications

Left Connector: C1032
 Right Connector: C1032
 Cable: RG142

NOTES:

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

 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	Part Number: CA2171LF-XX	Description: C MALE TO C MALE COAX CABLE ASSEMBLY WITH RG142 FLEXIBLE CABLE ROHS LEAD FREE
	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:		

RG142B/U

50-Ohm Flexible Coax Cable; 0.195" Diameter, Single Shield, Tan FEP Jacket



PART NUMBER:	RG142B/U
CATAGORY:	FLEXIBLE
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	TEFLON
OVERALL DIAMETER:	0.195"
DIELECTRIC DIAMETER:	0.116"

PHYSICAL CHARACTERISTICS:

SHIELD:	DOUBLE BRAID SILVER PLATED COPPER
JACKET:	FLUORINATED ETHYLENE PROPYLENE
OPERATING TEMPERATURE:	-55 C TO +200 C
WEIGHT:	43 LBS/1000FT
CENTER CONDUCTOR:	0.037" DIAMETER (SILVER PLATED COPPER-CLAD STEEL)

ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29.4 PFARAD/FT
MAXIMUM OPERATING VOLTAGE:	1900 VRMS
MAXIMUM ATTENUATION:	(dB/100ft)
A. 100 MHz:	5.5
B. 400 MHz:	11.7
C. 1 GHz:	19.0
D. 3 GHz:	35.0
E. 5 GHz:	48.0
MAXIMUM FREQUENCY (GHz):	12.4
MAXIMUM POWER:	
A. 400 MHz:	110
B. 1 GHz:	550
C. 3 GHz:	350
D. 5 GHz:	245
E. 10 GHz:	140