


**Material Specifications**

Left Connector: C1183  
 Right Connector: C1183  
 Cable: RG316

**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> CA2306-XX	<b>Description:</b> SSMB PLUG TO SSMB PLUG COAX CABLE ASSEMBLY WITH RG316 FLEXIBLE 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>		

# RG316/U

## 50-Ohm Flexible Coax Cable; 0.098" Diameter, Single Shield, Tan FEP Jacket



PART NUMBER:	<b>RG316/U</b>
CATAGORY:	FLEXIBLE
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS +/-2
DIELECTRIC:	EXPANDED TEFLON
OVERALL DIAMETER:	0.098"
DIELECTRIC DIAMETER:	0.060"

### PHYSICAL CHARACTERISTICS:

SHIELD:	SILVER PLATED COPPER
JACKET:	FLURINATED ETHYLENE PROPYLENE
OPERATING TEMPERATURE:	-55 C TO +200 C
WEIGHT:	12.2 LBS/1000FT
CENTER CONDUCTOR:	0.0201" DIAMETER (7/0.0067") SILVER COPPER CLAD STEEL

### ELECTRICAL CHARACTERISTICS:

CAPACITANCE:	29.4 PFARAD/FT
MAX 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
E. 5 GHz:	N/A
F. 10 GHz:	N/A
MAXIMUM FREQUENCY:	3.0
MAXIMUM POWER:	
A. 400 MHz:	240
B. 1 GHz:	160
C. 3 GHz:	80
D. 5 GHz:	57
E. 10 GHz:	30