


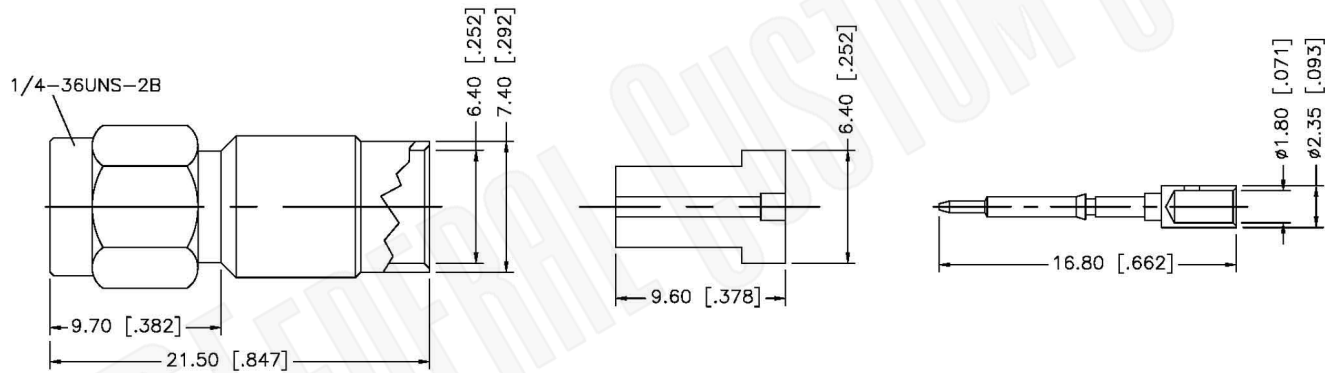
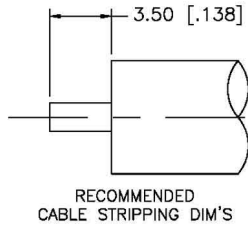
Material Specifications

Left Connector: C5783
 Right Connector: C5783
 Cable: RG401FL

NOTES:

1. XX EQUALS LENGTH IN INCHES

 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: CA1529-XX	Description: SMA MALE CONNECTOR TO SMA MALE CONNECTOR FOR SEMI-RIGID CONFORMABLE FLEXIBLE RG401FL COAX CABLE
	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 PROPRIETARY 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:		



NOTE:
1) CONTACT PIN TO SOLDER.

Material Specifications

Cable(s): .250 SEMI-RIGID
 Body: Brass
 Finish: Gold
 Insulation: Teflon
 Impedence: 50 Ohms



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Dimensions
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C5783

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Description:
**SMA MALE CONNECTOR SOLDER FOR RG401,
 RG401AL, RG401FL CABLES**

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RG401/U

Semi Rigid and Conformable 50 Ohms Coaxial Cable

Picture is not available at this time

PART NUMBER:	RG401/U
CATAGORY:	SEMI-RIGID
DESCRIPTION:	CABLE
IMPEDANCE:	50 OHMS
DIELECTRIC:	TEFLON
OUTER CONDUCTOR:	COPPER
CENTER CONDUCTOR:	SILVER PLATED COPPER

DIMENSIONS:

OUTER CONDUCTOR:	0.250" DIAMETER
DIELECTRIC:	0.209" DIAMETER
CENTER CONDUCTOR:	0.0641" DIAMETER

MECHANICAL, ELECTRICAL & ENVIROMENTAL CHARACTERISTICS:

MAXIMUM LENGTH:	20 FT.
MINIMUM INSIDE BEND DIAMETER:	0.375 IN.
MAXIMUM WEIGHT:	10.5 LBS/100FT
OUTER CONDUCTOR TEMPERATURE:	150 DEGREES
MAXIMUM OPERATING TEMPERATURE:	90 DEGREES
VELOCITY OF PROPAGATION:	70%

ELECTRICAL CHARACTERISTICS CONTINUED:

CAPACITANCE:	29.6 pF/FT.
CORONA EXTINCTION VOLTAGE:	3000 VRMS @ 60 Hz
MAX OPERATING VOLTAGE:	7500 VRMS @ 60 Hz
MAXIMUM OPERATING FREQUENCY:	18 GHz
MAXIMUM ATTENUATION (dB/100ft):	
A. 400 MHz:	4.5
B. 1 GHz:	7.5
C. 3 GHz:	11
D. 10 GHz:	33
E. 18 GHz:	48
MAXIMUM POWER (WATTS):	
A. 400 MHz:	1900
B. 1 GHz:	1400
C. 3 GHz:	750
D. 10 GHz:	350
E. 18 GHz:	200