

I. MATERIALS AND FINISHES:

SMA STR PLUG - STAINLESS STEEL, GOLD PLATING
CABLE - 0.141 CONFORMABLE

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM

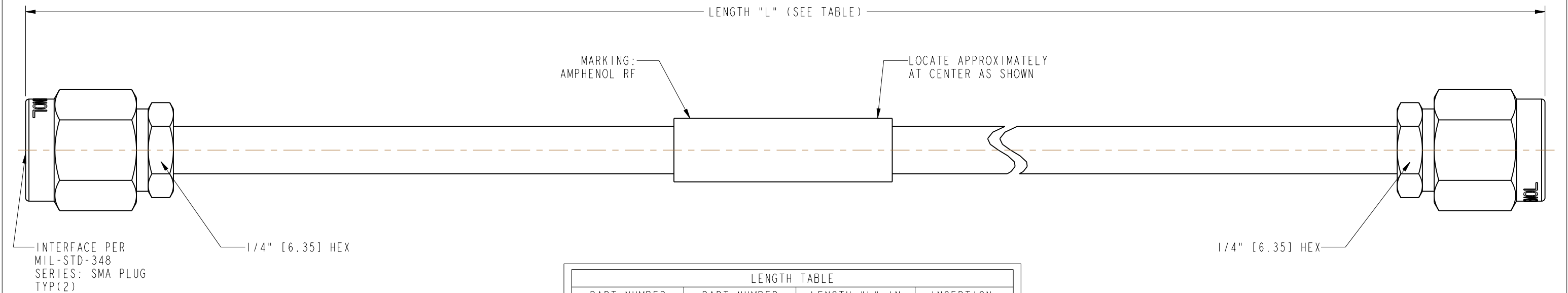
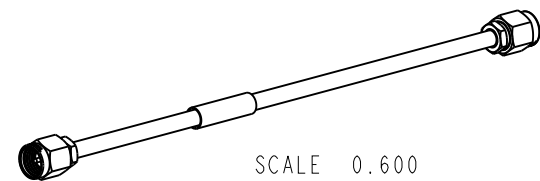
3. PACKAGING:

A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-902-450-XXX AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	11/16/15	50824	VK
B	ADDED PNS FOR 3, 4, AND 5 IN LENGTHS	12/18/15	50911	JN



LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH "L" IN INCHES [METERS]	INSERTION LOSS MAX (dB)
95-902-450-003	-	3.00 [0.076]	0.30
95-902-450-004	-	4.00 [0.102]	0.35
95-902-450-005	-	5.00 [0.127]	0.40
95-902-450-006	-	6.00 [0.152]	0.45
95-902-450-007	-	7.00 [0.178]	0.50
95-902-450-008	-	8.00 [0.203]	0.55
95-902-450-009	-	9.00 [0.229]	0.60
-	95-902-450M025	9.84 [0.250]	0.65
95-902-450-010	-	10.00 [0.254]	0.70
95-902-450-012	-	12.00 [0.305]	0.80
95-902-450-018	-	18.00 [0.457]	1.15
-	95-902-450M050	19.69 [0.500]	1.20
95-902-450-024	-	24.00 [0.610]	1.45
95-902-450-036	-	36.00 [0.914]	2.15
-	95-902-450M100	39.37 [1.000]	2.30

DESIGN REQUIREMENTS:

X	FREQUENCY : DC TO 18 GHz	X	CONTINUITY
---	--------------------------	---	------------

X VSWR : 1.650 MAX. X HI-POT: 500 VRMS

<input checked="" type="checkbox"/> X	INS. LOSS : SEE TABLE	<input type="checkbox"/>	OTHER
---------------------------------------	-----------------------	--------------------------	-------

X CONTINUITY

X	HI-POT: 500 VRMS
---	------------------

☐ OTHER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:

2 PLACE DECIMAL	3 PLACE DECIMAL	ANGLES
± .015 (0,381 mm)	± .005 (0,127 mm)	± 1°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL

SEE NOTES

REFERENCE
EAR # 6826

CONFIGURATION LEVEL: In Work

FINISH

DRAWN	DATE
-------	------

J. NERI 02-Dec-15

ENGINEER	DATE
CLEMENT	15-Oct-15

APPROVED	DATE
----------	------

APPROVED DATE
K. CAPOZZI 12/18/15

CAD FILE

DATE _____

02-Dec-15

DATE _____

15-0ct-15

DATE _____

12/18/15

TITLE _____

SMA STR PLUG TO SMA STR PLUG,
WITH ANTI-TORQUE BODY
USING 0.141 CONFORMABLE CABLE,
VARIOUS LENGTHS

SCALE: 3.5:1.0	SHEET 2 OF 2
----------------	--------------

DWG SIZE	REV
B	B

REV
B

Amphenol RF

www.amphenolrf.com

DRAWING NO. 95-902-450-XXX

ITEM NO. 95-902-450-XXX

PART NO.95-902-450-XXX
