

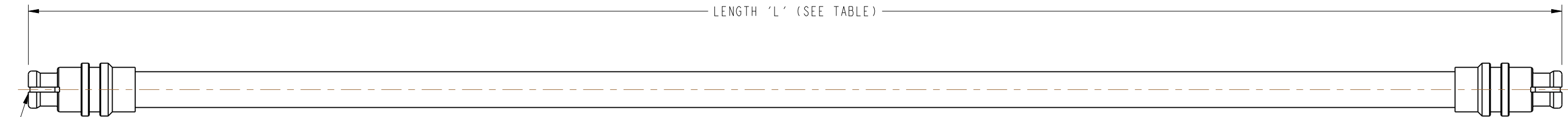
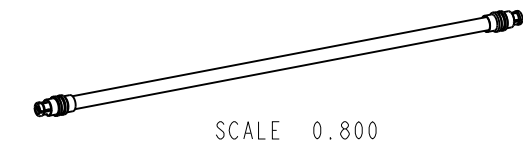
NOTES:

1. MATERIALS AND FINISHES:
 SMPM STR PLUG - BeCu, GOLD PLATING
 CABLE - 0.085 SEMI-RIGID CONFORMABLE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
3. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 95-725-111-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	20-Mar-17	3344	BMG
B	FREQUENCY AND VSWR REQUIREMENTS UPDATED	19-Mar-18	7383	BMG



INTERFACE PER
 MIL-STD-348
 SERIES: SMPM PLUG
 TYP(2)

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH AND TOLERANCE 'L' IN INCHES [METERS]
95-725-111-030	-	3.00 [0.076]
-	95-725-111-M010	3.94 [0.100]
95-725-111-040	-	4.00 [0.102]
95-725-111-050	-	5.00 [0.127]
95-725-111-060	-	6.00 [0.152]
95-725-111-070	-	7.00 [0.178]
95-725-111-080	-	8.00 [0.203]
95-725-111-090	-	9.00 [0.229]
-	95-725-111-M025	9.84 [0.250]
95-725-111-100	-	10.00 [0.254]
95-725-111-110	-	11.00 [0.279]
95-725-111-120	-	12.00 [0.305]
95-725-111-180	-	18.00 [0.457]
-	95-725-111-M050	19.69 [0.500]
95-725-111-240	-	24.00 [0.610]
-	95-725-111-M075	29.53 [0.750]
95-725-111-360	-	36.00 [0.914]
-	95-725-111-M100	39.37 [1.000]
95-725-111-480	-	48.00 [1.219]
-	95-725-111-M200	78.74 [2.000]

TOLERANCE TABLE	
LENGTH IN INCHES/FT [METERS]	TOLERANCE
0" - 23.90" [0 - 0.607]	±0.25" [0.006]
24.00" - 59.00" [0.610 - 1.499]	±0.50" [0.013]
5.0' - 24.9' [1.524 - 7.617]	±2.5%
25.0' & UP [7.620 & UP]	±5.0%

DESIGN REQUIREMENTS:			
<input checked="" type="checkbox"/> FREQUENCY : DC TO 18 GHz	<input checked="" type="checkbox"/> CONTINUITY	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> VSWR : 1.30 MAX. [DC-18 GHz]	<input checked="" type="checkbox"/> HI-POT : 500 VRMS	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> INS. LOSS: ---- dB MAX	<input type="checkbox"/> OTHER	<input type="checkbox"/>	<input type="checkbox"/>

CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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°	MATERIAL	DRAWN	DATE	TITLE SMPM STR PLUG TO SMPM STR PLUG, USING 0.085 SEMI-RIGID CONFORMABLE CABLE, VARIOUS LENGTH SCALE: 4.0:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com	
	SEE NOTES	ANANDH G	29-Sep-16				
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.	REFERENCE	ENGINEER	DATE	DRAWING NO.95-725-111-XXX ITEM NO.95-725-111-XXX		PART NO.95-725-111-XXX	
	EAR # 7428	ANANDH G	29-Sep-16				
	CONFIGURATION LEVEL: In Work	APPROVED	DATE		DWG SIZE		REV
FINISH	K. CAPOZZI	19-Mar-18		B		B	