

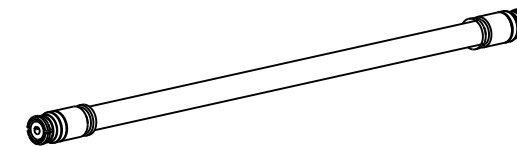
NOTES:

1. MATERIALS AND FINISHES:  
 SMP STR PLUG - BeCu, GOLD PLATING  
 CABLE - 0.085" CONFORMABLE
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM, NOMINAL
3. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 95-725-108-XXX AND DATE CODE"

THIRD ANGLE PROJ.

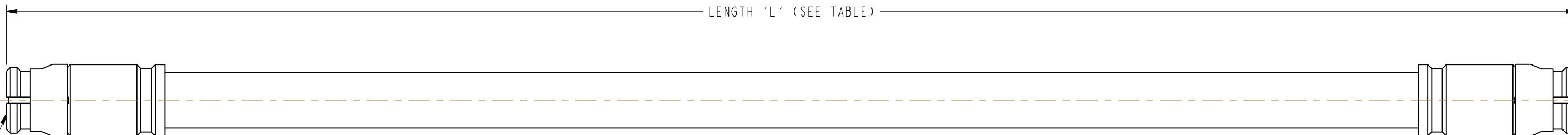
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Oct-14	50205	NR/BCG
B	FREQUENCY 20 WAS 26.5 GHz, VSWR UPDATED, 48.00" & METERIC LENGTHS ADDED	14-Oct-16	2145	VK



SCALE 1:200

LENGTH 'L' (SEE TABLE)



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

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
95-725-108-030	-	3.00 [0.076]
95-725-108-040	-	4.00 [0.102]
95-725-108-050	-	5.00 [0.127]
95-725-108-060	-	6.00 [0.152]
95-725-108-070	-	7.00 [0.178]
95-725-108-080	-	8.00 [0.203]
95-725-108-090	-	9.00 [0.229]
-	95-725-108-M0.25	9.84 [0.250]
95-725-108-100	-	10.00 [0.254]
95-725-108-110	-	11.00 [0.279]
95-725-108-120	-	12.00 [0.305]
95-725-108-180	-	18.00 [0.457]
-	95-725-108-M0.50	39.37 [1.000]
95-725-108-240	-	24.00 [0.610]
-	95-725-108-M0.75	29.53 [0.750]
95-725-108-360	-	36.00 [0.914]
-	95-725-108-M1.00	39.37 [1.000]
95-725-108-480	-	48.00 [1.219]
-	95-725-108-M2.00	78.74 [2.000]
-	95-725-108-M4.00	157.48 [4.000]

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 20 GHz   | <input checked="" type="checkbox"/> CONTINUITY        |
| <input checked="" type="checkbox"/> VSWR : 1.25 MAX. [DC-6 GHz]<br>1.50 MAX. [6-12.5 GHz]<br>1.75 MAX. [12.5-20 GHz] | <input checked="" type="checkbox"/> HI-POT : 500 VRMS |
| <input type="checkbox"/> INS. LOSS : ---- dB MAX   | <input type="checkbox"/> OTHER                        |

**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 SMP STR PLUG TO SMP STR PLUG USING, 0.085" CONFORMABLE CABLE, VARIOUS LENGTH SCALE: 5.0:1.0 SHEET 2 OF 2		Amphenol RF www.amphenolrf.com
	SEE NOTES	RAJAGOPAL N	24-Sep-14			
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	EAR # 6454	RAJAGOPAL N	24-Sep-14	B	REV	
	CONFIGURATION LEVEL: In Work	APPROVED	K. CAPOZZI	DATE	B	
FINISH			14-Oct-16			