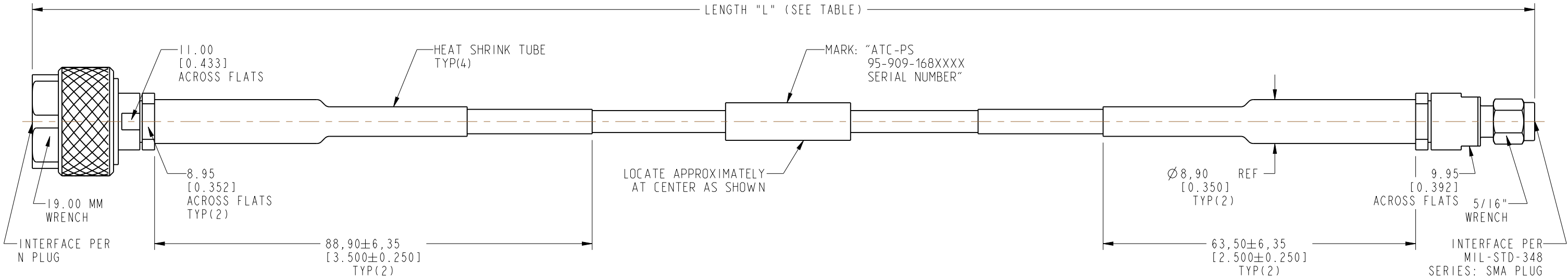
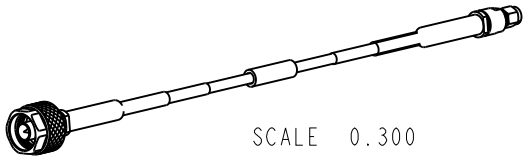


NOTES:

1. MATERIALS AND FINISHES:
BODY & COUPLING NUT - STAINLESS STEEL, PASSIVATED
CONTACTS - BeCu, GOLD PLATED
RETAINING RING - STAINLESS STEEL, NATURAL
INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. PHASE STABILITY: 4.6° MAX.
C. AMPLITUDE STABILITY: 0.15 dB MAX.
3. MECHANICAL:
A. DURABILITY: 5000 CYCLES MIN.
B. TEMPERATURE RANGE: -55°C TO 200°C
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED:
"AMPHENOL RF, 95-909-168XXXX, AND DATE CODE"
C. CONTENTS: CABLE ASSEMBLY, VSWR AND INSERTION PLOT OF
INCLUDED CABLE, AND ROHS.

THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	07-May-19	11448	BEW
B	IL VALUE & LENGTH TABLE UPDATED	26-Sep-19	13061	SK
C	NO CHANGES TO THIS SHEET	01-Oct-19	13124	BEW



PART NUMBER	LENGTH "L" IN INCHES [METERS]	INSERTION LOSS dB (MAX.)
95-909-168-024	24.00 [0.610]	1.84
95-909-168-036	36.00 [0.914]	2.61
95-909-168M100	39.37.00[1.000]	2.84
95-909-168-048	48.00 [1.219]	3.37
95-909-168-060	60.00 [1.524]	4.14
95-909-168-072	72.00 [1.829]	4.90

DESIGN REQUIREMENTS:

- ☒ FREQUENCY: DC - 18 GHz
- ☒ CONTINUITY
- ☒ VSWR: 1.30 MAX.
- ☒ HI-POT: 1000 VRMS
- ☐ INS. LOSS: SEE TABLE
- ☐ OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°					MATERIAL SEE NOTES		DRAWN B.WYMAN		DATE 17-Apr-19		TITLE N STR PLUG TO SMA STR PLUG USING ATC-PS TEST CABLE		Amphenol RF www.amphenolrf.com	
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.							ENGINEER B.WYMAN		DATE 17-Apr-19					
					REFERENCE EAR# 7108 REF: 95-902-466-XXX		DATE 26-Sep-19		SCALE: 1.3:1.0					
					CONFIGURATION LEVEL: In Work		CAD FILE		DWG SIZE B		REV C			
					FINISH									