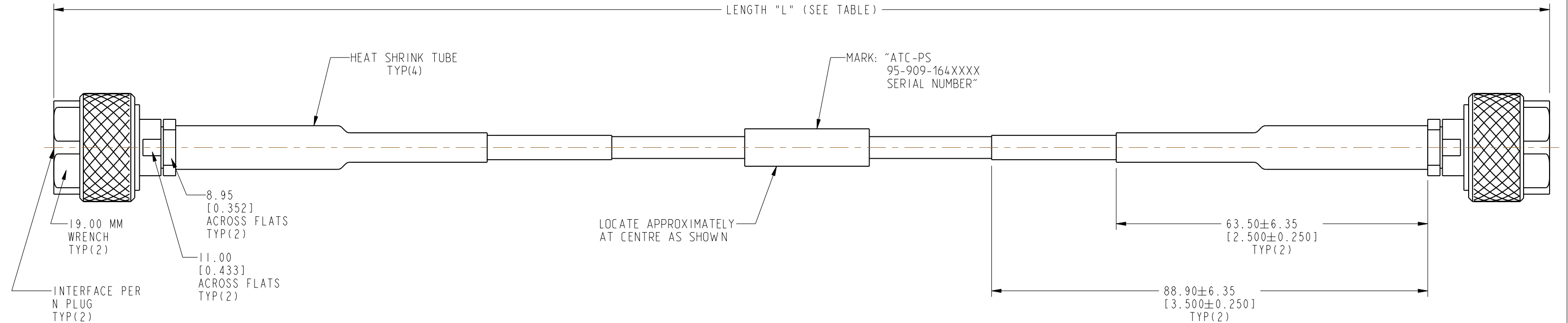
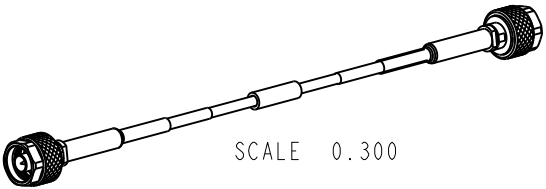


NOTES:

1. MATERIALS AND FINISHES:
BODIES & COUPLING NUT - STAINLESS STEEL, PASSIVATED
BODY - BRASS, GOLD PLATING
O-RING - SILICONE RUBBER, RED
CONTACT - BeCu, GOLD PLATING
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, 95-909-164XXXX, 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	VK
C	NO CHANGES TO THIS SHEET	01-Oct-19	13124	BEW



PART NUMBER	LENGTH "L" IN INCHES [METERS]	INSERTION LOSS IN dB (MAX)
95-909-164-024	24.00 [0.610]	1.84
95-909-164-036	36.00 [0.914]	2.61
95-909-164M100	39.37 [1.000]	2.84
95-909-164-048	48.00 [1.219]	3.37
95-909-164-060	60.00 [1.524]	4.14
95-909-164-072	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 ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ±1°	MATERIAL	DRAWN	DATE	TITLE N STR PLUG TO N STR PLUG USING ATC-PS TEST CABLE		Amphenol RF www.amphenolrf.com	
	SEE NOTES	B.WYMAN	26-Nov-18				
	REFERENCE	ENGINEER	DATE				
	EAR# 8108	B.WYMAN	26-Nov-18	SCALE: 1.3:1.0		DRAWING NO. 95-909-164XXXX	
	REF: 95-902-466-XXX	APPROVED	DATE	SHEET 2 OF 2		ITEM NO. 95-909-164XXXX	
CONFIGURATION LEVEL: In Work		K.CAPOZZI		26-Sep-19		PART NO. 95-909-164XXXX	
FINISH		CAD FILE		DWG SIZE B		REV C	