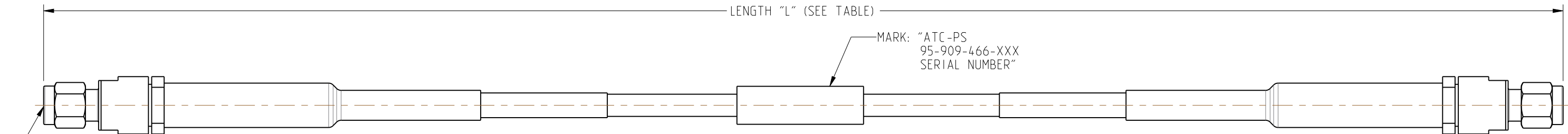


NOTES:

1. MATERIALS AND FINISHES:
 BODIES, COUPLING NUT - STAINLESS STEEL, PASSIVATED
 CONTACT - BERYLLIUM COPPER, GOLD PLATED
 RETAINING RING - PHOSPHOR BRONZE
 INSULATOR - PTFE
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
 C. PHASE STABILITY: 5.0° MAX
 D. AMPLITUDE STABILITY: 0.16 dB MAX
3. MECHANICAL:
 A. DURABILITY: 5000 CYCLES MIN.
 B. TEMPERATURE RANGE: -55°C TO 200°C
4. PACKAGING:
 A. QUANTITY: SINGLE PACKED
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 95-902-466-XXX, 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. | 09-Aug-17 | 04643 | BEW |
| B | ADD MARKING LABEL, UPDATED TABLE AND NOTES | 07-May-19 | 11449 | BEW |



INTERFACE SERIES:
SMA PLUG
TYP(2)

| PART NUMBER | LENGTH "L" IN INCHES (METERS) | INSERTION LOSS (MAX) |
|----------------|-------------------------------|----------------------|
| 95-902-466-001 | 24.00 [0.601] | 1.84 dB |
| 95-902-466-002 | 36.00 [0.914] | 2.61 dB |
| 95-902-466-003 | 48.00 [1.219] | 3.37 dB |
| 95-902-466-004 | 72.00 [1.829] | 4.90 dB |
| 95-902-466-005 | 39.37 [1.000] | 2.84 dB |

DESIGN REQUIREMENTS

- FREQUENCY: DC TO 20 GHz CONTINUITY
- VSWR: 1.27 :1 MAX HI-POT: 1000 VRMS
- INS. LOSS: SEE TABLE OTHER

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°

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.

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| | | | | |
|------------------------------------|------------------------|-------------------|---|-----------------------------------|
| MATERIAL | DRAWN B. WYMAN | DATE 15-Mar-17 | TITLE ATC-PS TEST CABLE SMA PLUG TO SMA PLUG | Amphenol RF www.amphenolrf.com |
| REFERENCE EAR# 7108 REF: --- | ENGINEER B. WYMAN | DATE 15-Mar-17 | SCALE: 1.3:1.0 SHEET 2 OF 2 | DRAWING NO. 95-902-466-XXX |
| CONFIGURATION LEVEL: In Work | APPROVED K. CAPOZZI | DATE 09-Aug-17 | DWG SIZE B | ITEM NO. 95-902-466-XXX |
| FINISH | CAD FILE | REV B | | PART NO. 95-902-466-XXX |