

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.

REV

DESCRIPTION

DATE

ECN

APPR

A

RELEASE TO MFG.

09-Aug-17

04643

BEW

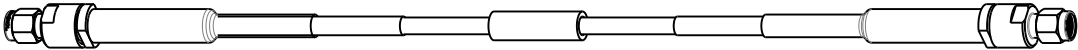
B

ADD MARKING LABEL, UPDATED TABLE AND NOTES

07-May-19

11449

BEW



SCALE 0.500

LENGTH "L" (SEE TABLE)

MARK: "ATC-PS
95-909-466-XXX
SERIAL NUMBER"

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 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES
± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±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.

MATERIAL

REFERENCE

EAR# 7108

REF: ---

CONFIGURATION LEVEL: In Work

FINISH

DRAWN

B.WYMAN

ENGINEER

B.WYMAN

APPROVED

K.CAPOZZI

CAD FILE

DATE

15-Mar-17

DATE

15-Mar-17

DATE

09-Aug-17

TITLE

ATC-PS

TEST CABLE

SMA PLUG TO SMA PLUG

SCALE: 1.3:1.0

SHEET 2 OF 2

DWG SIZE

B

REV

B

Amphenol RF

www.amphenolrf.com

DRAWING NO. 95-902-466-XXX

ITEM NO. 95-902-466-XXX

PART NO. 95-902-466-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY