

5

4

3

2

1

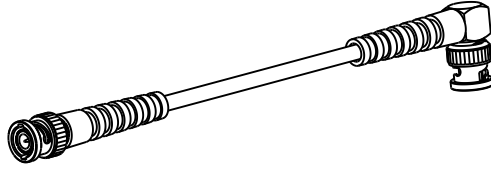
NOTES:

1. MATERIALS AND FINISHES:
BNC STR PLUG - BRASS, NICKEL PLATING
BNC RA PLUG - BRASS, NICEL PLATING
CABLE - RG 58

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 115103-04-XX-XX, AND DATE CODE"

REVDESCRIPTIONDATEECNBY-RELEASE TO MFG.-- --BSEE SHEET 104-APR-16287NRCNO CHANGES TO THIS SHEET08-FEB-2216112VK



SCALE 0.400

LENGTH 'L' (SEE TABLE)

STRAIN RELIEF BOOT TYP(2)

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

LENGTH TABLE		
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]
-	115103-04-M0.10	3.94 [0.100]
115103-04-06.00	-	6.00 [0.152]
-	115103-04-M0.25	9.84 [0.250]
115103-04-12.00	-	12.00 [0.305]
115103-04-18.00	-	18.00 [0.457]
-	115103-04-M0.50	19.69 [0.500]
115103-04-24.00	-	24.00 [0.610]
-	115103-04-M0.75	29.53 [0.750]
115103-04-36.00	-	36.00 [0.914]
-	115103-04-M1.00	39.37 [1.000]
115103-04-48.00	-	48.00 [1.219]

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:

☐ FREQUENCY: ____ TO ____ GHz

☒ CONTINUITY

☐ VSWR: ____ 1 MAX.

☒ HI-POT: 1000 VRMS

☐ INS. LOSS: ____ dB MAX.

☐ OTHER

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.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
<0.5mm = ±0.05mm [$<0.020 = \pm 0.002$]
0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
>6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
>30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]

ANGLES = ±1°

MATERIAL
SEE NOTES

ENGR.1 KARTHIK R ENGR.2 DATE 17-FEB-16

TITLE
BNC STR PLUG TO
BNC RA PLUG
USING RG 58 CABLE
VARIOUS LENGTH

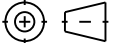
SHEET NO. 2 OF 2 SCALE: 1.9:1.0

Amphenol RF

SIZE B

DRAWING NO. 115103-04-XX-XX
ITEM NO. 115103-04-XX-XX
PART NO. 115103-04-XX-XX

REV C

THIRD ANGLE PROJ. 

REFERENCE

EAR#
EAR # 7090

5

4

3

2

1

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY