

NOTES:

1.MATERIALS AND FINISHES:
HD-BNC STR PLUG - BRASS, NICKEL PLATING
CABLE - RG 316

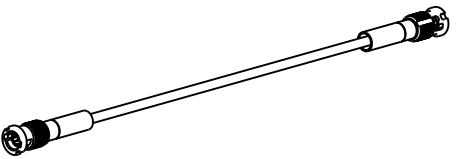
2.ELECTRICAL:
A.IMPEDANCE: 50 OHM

3.PACKAGING:
A.QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-185-XXX AND DATE CODE".

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	26-Apr-17	3585	BMG



SCALE 0.500

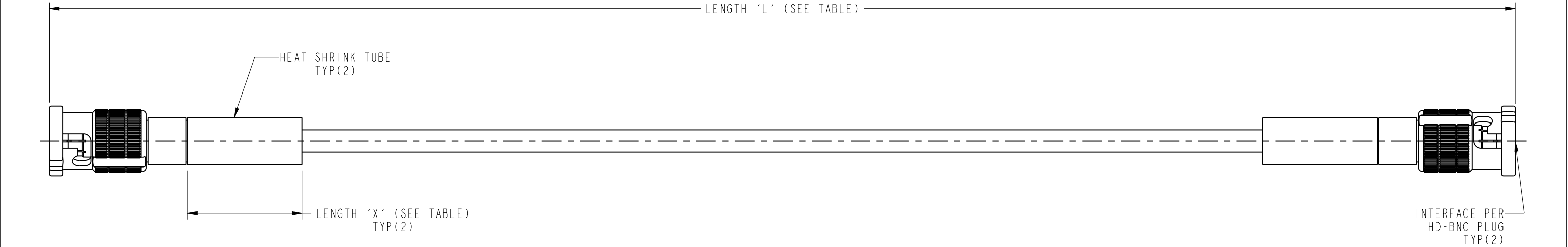


Diagram illustrating the side view of the cable assembly. The assembly consists of two HD-BNC STR PLUG connectors connected by a cable. The length of the cable is labeled as LENGTH 'L' (SEE TABLE). The length of the heat shrink tube is labeled as LENGTH 'X' (SEE TABLE) TYP(2). The interface per HD-BNC PLUG is labeled as TYP(2).

LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
-	95-850-185M010	3.94 [0.100]	0.75 [0.019]
95-850-185-006	-	6.00 [0.152]	
-	95-850-185M025	9.84 [0.250]	
95-850-185-012	-	12.00 [0.305]	
95-850-185-018	-	18.00 [0.457]	
-	95-850-185M050	19.69 [0.500]	1.50 [0.038]
95-850-185-024	-	24.00 [0.610]	
-	95-850-185M075	29.53 [0.750]	
95-850-185-036	-	36.00 [0.914]	
-	95-850-185M100	39.37 [1.000]	
95-850-185-048	-	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: DC TO 6 GHz

☒ CONTINUITY

☐ VSWR _____ : 1 MAX

☒ HI-POT : 750 VRMS

☐ INS. LOSS: _____ dB MAX

☐ OTHER

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 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	DRAWN ANANDH G	DATE 01-Dec-16	TITLE HD-BNC STR PLUG TO HD-BNC STR PLUG USING RG 316 CABLE, VARIOUS LENGTH	Amphenol RF www.amphenolrf.com
		ENGINEER ANANDH G	DATE 01-Dec-16		
	REFERENCE EAR # 7466	APPROVED K. CAPOZZI	DATE 26-Apr-17		
	CONFIGURATION LEVEL: In Work	CAD FILE		SCALE: 2.4:1.0	SHEET 2 OF 2
	FINISH			DWG SIZE B	REV A
					DRAWING NO. 95-850-185-XXX
					ITEM NO. 95-850-185-XXX
					PART NO. 95-850-185-XXX