

NOTES:

1. MATERIALS AND FINISHES:
BNC STR CRIMP PLUG- BRASS, NICKEL PLATING
HD-BNC STR PLUG - BRASS, NICKEL PLATING
CABLE - BELDEN 4855R

2. ELECTRICAL:
A. IMPEDANCE: 75 OHM

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-189-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-May-17	3682	BMG

SCALE 0.500

Technical drawing of the cable assembly showing dimensions and labels. The drawing includes a side view of the cable with a BNC connector on the left and an HD-BNC connector on the right. Dimensions are indicated with arrows and text: 'LENGTH 'L' (SEE TABLE)' for the total length, '3.000 ± 0.197 [76.20 ± 5.00] MM' for the distance from the BNC connector to the start of the heat shrink tube, 'LENGTH 'X' (SEE TABLE) TYP(2)' for the length of the heat shrink tube, '1.520 ± 0.050 [38.61 ± 1.27] MM' for the length of the HD-BNC connector, and 'HEAT SHRINK TUBE TYP(2)' for the central section. Labels include 'INTERFACE PER MIL-STD-348 SERIES: BNC PLUG' on the left, 'MARK: "AMPHENOL RF 95-850-189-XXX WWYY"' on the central section, and 'INTERFACE PER HD-BNC PLUG' on the right.

LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
95-850-189-006	-	6.00 [0.152]	0.75 [0.019]
-	95-850-189M025	9.84 [0.250]	
95-850-189-012	-	12.00 [0.305]	
95-850-189-018	-	18.00 [0.457]	1.50 [0.038]
-	95-850-189M050	19.69 [0.500]	
95-850-189-024	-	24.00 [0.610]	
-	95-850-189M075	29.53 [0.750]	
95-850-189-036	-	36.00 [0.914]	
-	95-850-189M100	39.37 [1.000]	
95-850-189-048	-	48.00 [1.219]	
-	95-850-189M200	78.74 [2.000]	
-	95-850-189M400	157.48 [4.000]	

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 12 GHz

☒ CONTINUITY

☐ VSWR _____ : 1 MAX

☒ HI-POT: 250 VRMS

☐ INS. LOSS :_____ dB MAX

☐ OTHER

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 SEE NOTES	DRAWN VIJI K	DATE 24-Mar-17	TITLE BNC STR CRIMP PLUG TO HD-BNC STR PLUG USING BELDEN 4855R CABLE, VARIOUS LENGTH		Amphenol RF www.amphenolrf.com			
		ENGINEER VIJI K	DATE 24-Mar-17	APPROVED K. CAPOZZI		DRAWING NO.95-850-189-XXX			
						ITEM NO.95-850-189-XXX			
		REFERENCE EAR # 7624		DATE 05-May-17		PART NO.95-850-189-XXX			
CONFIGURATION LEVEL: In Work		CAD FILE		SCALE: 2.5:1.0 SHEET 2 OF 2					
FINISH		DWG SIZE B		REV A					

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY