

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 WYYY"' 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]	
-	95-850-189M050	19.69 [0.500]	1.50 [0.038]
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

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°	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	
		REFERENCE EAR # 7624	DATE 05-May-17	SCALE: 2.5:1.0 SHEET 2 OF 2		DRAWING NO.95-850-189-XXX	
		CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV A	PART NO.95-850-189-XXX

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