

NOTES:

1. MATERIALS AND FINISHES:
HD-BNC STR PLUG - BRASS, NICKEL PLATING
BNC STR PLUG - BRASS, NICKEL PLATING
CABLE - BELDEN 1694A

2. ELECTRICAL:
A. IMPEDANCE: 75 OHM

3. MECHANICAL:
A. TEMPERATURE RANGE : 0°C TO +50°C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-850-131-XXX AND DATE CODE"

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	30-Jan-13	49339	KR
B	24.00", 48.00", METRIC LENGTHS ADDED & HST LENGTHS ADDED IN LENGTH TABLE	14-Oct-16	2144	MR
C	METRIC PART NUMBER UPDATED	28-Feb-17	3143	PL

SCALE 0.500

Diagram labels and dimensions:

- LENGTH 'L' (SEE TABLE)
- 3.000 ± 0.197 [76.20 ± 5.00] MM
- MARK: "AMPHENOL RF 95-850-131-XXX WYYY"
- HEAT SHRINK TUBE TYP(2)
- INTERFACE PER HD-BNC PLUG
- LENGTH 'X' (SEE TABLE) TYP(2)
- 1.520 ± 0.050 [38.61 ± 1.27] MM
- INTERFACE PER MIL-STD-348 SERIES: BNC PLUG

LENGTH TABLE			
PART NUMBER (IMPERIAL)	PART NUMBER (METRIC)	LENGTH 'L' IN INCHES [METERS]	LENGTH 'X' IN INCHES [METERS] MIN
95-850-131-006	-	6.00 [0.152]	0.75 [0.019]
-	95-850-131-M025	9.84 [0.250]	
95-850-131-012	-	12.00 [0.305]	
95-850-131-018	-	18.00 [0.457]	
-	95-850-131-M050	19.69 [0.500]	1.50 [0.038]
95-850-131-024	-	24.00 [0.610]	
-	95-850-131-M075	29.53 [0.750]	
95-850-131-036	-	36.00 [0.914]	
-	95-850-131-M100	39.37 [1.000]	
95-850-131-048	-	48.00 [1.219]	
-	95-850-131-M200	78.74 [2.000]	
-	95-850-131-M400	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 3 GHz

☒ CONTINUITY

☐ VSWR _____ : 1 MAX

☒ HI-POT: 750 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°		MATERIAL SEE NOTES	DRAWN ABHAYA KISHORE	DATE 19-Jan-12	TITLE HD-BNC STR PLUG TO BNC STR CRIMP PLUG USING BELDEN 1694A CABLE, VARIOUS LENGTH SCALE: 2.0:1.0 SHEET 2 OF 2	Amphenol RF www.amphenolrf.com	
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			APPROVED K.CAPOZZI	DATE 28-Feb-17			
			CONFIGURATION LEVEL: In Work	CAD FILE			
FINISH					DWG SIZE B	REV C	
						DRAWING NO.95-850-131-XXX	
						ITEM NO.95-850-131-XXX	
						PART NO.95-850-131-XXX	