

NOTES:

1. MATERIALS AND FINISHES:

HD-BNC STR PLUG - BRASS, NICKEL PLATED
BNC STR PLUG - BRASS, NICKEL PLATED
CABLE - BELDEN 1694A

2. ELECTRICAL:

A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 3.0 GHz

3. MECHANICAL:

A. TEMPERATURE RANGE : 0°C TO +50°C

4. PACKAGING:

A. 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.	1/30/13	49339	KR

SCALE 0.500

LENGTH "L" SEE TABLE

3.00 ± 0.197
[76.20 ± 5.00 MM]

LABEL WITH:
"AMPHENOLRF
95-850-131-XXX WWWW"

1.52 ± 0.05
[38.61 ± 1.27 MM]

BELDEN 1694A CABLE

BNC PLUG

HD-BNC PLUG

S.NO	AMPHENOL RF PART NUMBER	LENGTH "L"
1	95-850-131-006	6.00 ^{+0.30} ₋₀ [152.40 ^{+7.62} ₋₀ MM]
2	95-850-131-012	12.00 ^{+0.60} ₋₀ [304.80 ^{+15.24} ₋₀ MM]
3	95-850-131-018	18.00 ^{+0.90} ₋₀ [457.20 ^{+22.86} ₋₀ MM]
4	95-850-131-036	36.00 ^{+1.80} ₋₀ [914.40 ^{+45.72} ₋₀ MM]

95-850-131-XXX, WHERE XXX REPRESENTS THE LENGTH OF THE CABLE ASSEMBLY.
CUSTOM LENGTHS ARE AVAILABLE ON REQUEST.

DESIGN REQUIREMENTS:

☒ FREQUENCY : DC TO 3 GHz

☐ VSWR : 1 MAX

☐ INS. LOSS : dB MAX

☒ CONTINUITY

☒ HI-POT: 750 VRMS

☐ 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°

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MATERIAL
SEE NOTES

REFERENCE
EAR #

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
ABHAYA KISHORE

ENGINEER
ABHAYA KISHORE

APPROVED
K. CAPOZZI

CAD FILE

DATE
19-Jan-12

DATE
19-Jan-12

DATE
1/30/13

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

DWG SIZE
B

REV
A

Amphenol RF
www.amphenolrf.com

DRAWING NO.95-850-131-XXX

ITEM NO.95-850-131-XXX

PART NO.95-850-131-XXX

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY