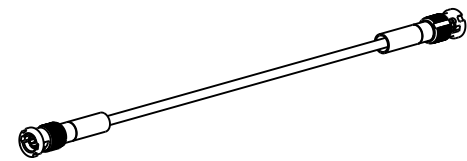


1. MATERIALS AND FINISHES:  
HD-BNC STR PLUG - BRASS, NICKEL PLATING  
CABLE - RG 316

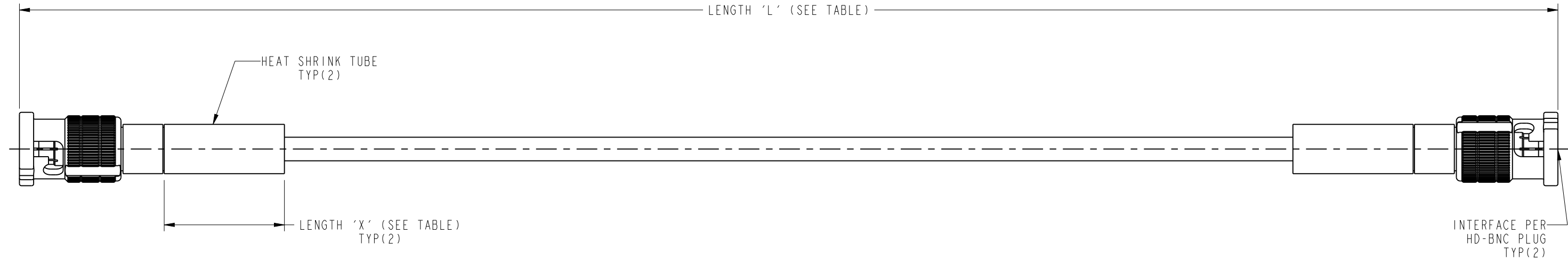
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM

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



| LENGTH TABLE              |                         |                                  |                                      |
|---------------------------|-------------------------|----------------------------------|--------------------------------------|
| PART NUMBER<br>(IMPERIAL) | PART NUMBER<br>(METRIC) | LENGTH 'L' IN<br>INCHES [METERS] | LENGTH 'X' IN INCHES<br>[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:

|                                                            |                                                       |
|------------------------------------------------------------|-------------------------------------------------------|
| <input checked="" type="checkbox"/> FREQUENCY: DC TO 6 GHz | <input checked="" type="checkbox"/> CONTINUITY        |
| <input type="checkbox"/> VSWR : 1 MAX                      | <input checked="" type="checkbox"/> HI-POT : 750 VRMS |
| <input type="checkbox"/> INS. LOSS: dB MAX                 | <input type="checkbox"/> OTHER                        |

# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                           |                                                                                                       |                        |                   |                                                                                         |                 |                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------|-------------------|-----------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:<br>2 PLACE DECIMAL      3 PLACE DECIMAL      ANGLES<br>$\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) $\pm 1^\circ$ | MATERIAL<br><br><br><br><br>REFERENCE<br>EAR # 7466<br><br>CONFIGURATION LEVEL: In Work<br><br>FINISH | DRAWN<br>ANANDH G      | DATE<br>01-Dec-16 | TITLE<br>HD-BNC STR PLUG TO<br>HD-BNC STR PLUG<br>USING RG 316 CABLE,<br>VARIOUS LENGTH |                 | Amphenol RF<br><br><a href="http://www.amphenolrf.com">www.amphenolrf.com</a> |  |
|                                                                                                                                                                                           |                                                                                                       | ENGINEER<br>ANANDH G   | DATE<br>01-Dec-16 |                                                                                         |                 | DRAWING NO.    95-850-185-XXX                                                 |  |
|                                                                                                                                                                                           |                                                                                                       | APPROVED<br>K. CAPOZZI | DATE<br>26-Apr-17 | SCALE: 2.4:1.0                                                                          | SHEET    2 OF 2 | ITEM NO.        95-850-185-XXX                                                |  |
|                                                                                                                                                                                           |                                                                                                       | CAD FILE               |                   | DWG SIZE<br>B                                                                           | REV<br>A        | PART NO.        95-850-185-XXX                                                |  |