

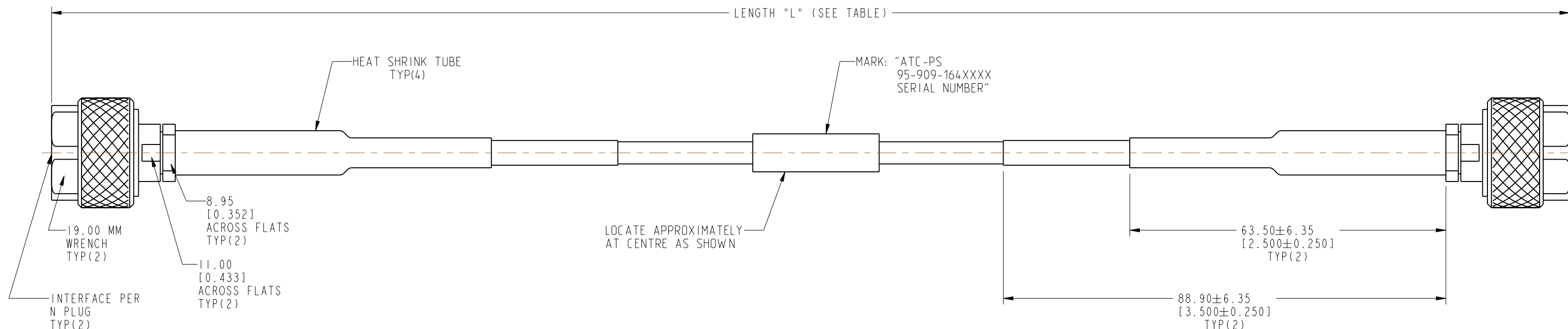
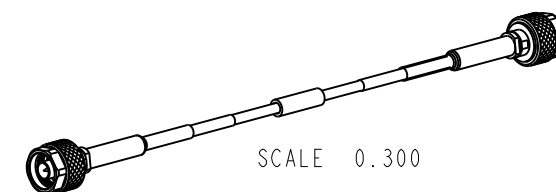
NOTES:

1. MATERIALS AND FINISHES:  
 BODIES & COUPLING NUT - STAINLESS STEEL, PASSIVATED  
 BODY - BRASS, GOLD PLATING  
 O-RING - SILICONE RUBBER, RED  
 CONTACT - BeCu, GOLD PLATING  
 RETAINING RING - STAINLESS STEEL, NATURAL  
 INSULATOR - PTFE, NATURAL
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. PHASE STABILITY: 4.6° MAX  
 C. AMPLITUDE STABILITY: 0.15 dB MAX
3. MECHANICAL:  
 A. DURABILITY: 5000 CYCLES MIN  
 B. TEMPERATURE RANGE: -55°C TO 200°C
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED:  
 "AMPHENOL RF, 95-909-164XXXX, AND DATE CODE"  
 C. CONTENTS: CABLE ASSEMBLY, VSWR AND INSERTION PLOT OF INCLUDED CABLE, AND ROHS.

THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION                     | DATE      | ECN   | APPR |
|-----|---------------------------------|-----------|-------|------|
| A   | RELEASE TO MFG.                 | 07-May-19 | 11448 | BEW  |
| B   | IL VALUE & LENGTH TABLE UPDATED | 26-Sep-19 | 13061 | VK   |
| C   | NO CHANGES TO THIS SHEET        | 01-Oct-19 | 13124 | BEW  |



DESIGN REQUIREMENTS:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> FREQUENCY: DC - 18 GHz | <input checked="" type="checkbox"/> CONTINUITY        |
| <input checked="" type="checkbox"/> VSWR: 1.30 MAX.        | <input checked="" type="checkbox"/> HI-POT: 1000 VRMS |
| <input checked="" type="checkbox"/> INS. LOSS: SEE TABLE   | <input type="checkbox"/> OTHER                        |

| PART NUMBER    | LENGTH "L" IN INCHES [METERS] | INSERTION LOSS IN dB (MAX) |
|----------------|-------------------------------|----------------------------|
| 95-909-164-024 | 24.00 [0.610]                 | 1.84                       |
| 95-909-164-036 | 36.00 [0.914]                 | 2.61                       |
| 95-909-164M100 | 39.37 [1.000]                 | 2.84                       |
| 95-909-164-048 | 48.00 [1.219]                 | 3.37                       |
| 95-909-164-060 | 60.00 [1.524]                 | 4.14                       |
| 95-909-164-072 | 72.00 [1.829]                 | 4.90                       |

**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:  
 <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°

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|                      |                |
|----------------------|----------------|
| MATERIAL             | SEE NOTES      |
| REFERENCE            | EAR# 8108      |
| REF:                 | 95-902-466-XXX |
| CONFIGURATION LEVEL: | In Work        |
| FINISH               |                |

|          |            |      |           |
|----------|------------|------|-----------|
| DRAWN    | B. WYMAN   | DATE | 26-Nov-18 |
| ENGINEER | B. WYMAN   | DATE | 26-Nov-18 |
| APPROVED | K. CAPOZZI | DATE | 26-Sep-19 |
| CAD FILE |            |      |           |

|          |         |  |        |
|----------|---------|--|--------|
| TITLE    |         | N STR PLUG TO N STR PLUG USING ATC-PS TEST CABLE |        |
| SCALE:   | 1.3:1.0 | SHEET  | 2 OF 2 |
| DWG SIZE | B       | REV  | C      |

|                    |                |
|--------------------|----------------|
| Amphenol RF        |                |
| www.amphenolrf.com |                |
| DRAWING NO.        | 95-909-164XXXX |
| ITEM NO.           | 95-909-164XXXX |
| PART NO.           | 95-909-164XXXX |

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