

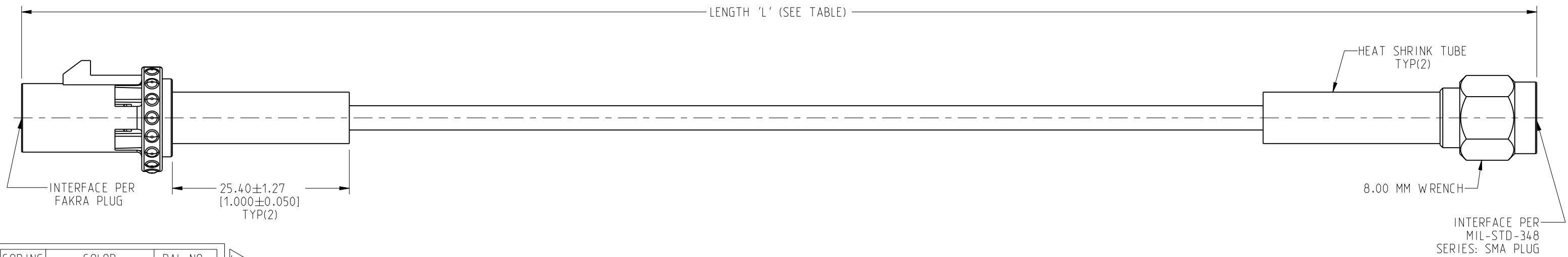
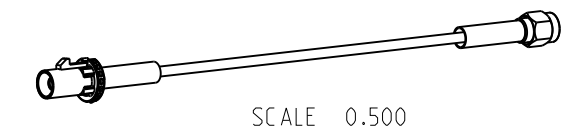
NOTES:

- MATERIALS AND FINISHES:
 GEN 2.0 FAKRA STR PLUG - 2FB1-NXSP-C01W1
 SMA STR PLUG - 132114B
 CABLE - RG 174
- ELECTRICAL:
 A. IMPEDANCE: 50 OHM
- PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED
 "AMPHENOL RF, 95X820-162-YYY AND DATE CODE"

4 95X820-162-YYY : "X" REFERS TO FAKRA CONNECTOR COLOR KEY CODE.

5. CONTACT FACTORY FOR KEY CODE AVAILABILITY.

| REVISIONS | | | | |
|-----------|-----------------|-----------|-------|----|
| REV | DESCRIPTION | DATE | ECN | BY |
| A | RELEASE TO MFG. | 06-OCT-21 | 15939 | VK |



| CODING | COLOR | RAL NO. |
|--------|----------------|---------|
| A | JET BLACK | 9005 |
| B | CREAM | 9001 |
| C | SIGNAL BLUE | 5005 |
| D | CLARET VIOLET | 4004 |
| E | LEAF GREEN | 6002 |
| F | NUT BROWN | 8011 |
| G | BLUE GREY | 7031 |
| H | HEATHER VIOLET | 4003 |
| I | BEIGE | 1001 |
| K | CURRY | 1027 |
| L | CARMINE RED | 3002 |
| M | PASTEL ORANGE | 2003 |
| N | PASTEL GREEN | 6019 |
| Z | WATER BLUE | 5021 |

| LENGTH TABLE | | |
|------------------------|----------------------|-------------------------------|
| PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN INCHES [METERS] |
| 95X820-162-006 | - | 6.00 [0.152] |
| 95X820-162-012 | - | 12.00 [0.305] |
| 95X820-162-018 | - | 18.00 [0.457] |
| 95X820-162-024 | - | 24.00 [0.610] |
| 95X820-162-036 | - | 36.00 [0.914] |
| - | 95X820-162M100 | 39.37 [1.000] |

| 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 - 3 GHz CONTINUITY

VSWR: _____ 1 MAX. HI-POT: 500 VRMS

INS. LOSS: _____ dB MAX. OTHER

CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

| | | | | | | | | | |
|--|--|--|--|---------------------------|--|---|--|--|--|
| NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data. | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE: <0.5mm = ±0.05mm [<0.020 = ±0.002] >0.5 - 6mm = ±0.1mm [>0.020 - 0.236 = ±0.004] >6.00 - 30mm = ±0.2mm [>0.236 - 1.181 = ±0.008] >30.00 - 120mm = ±0.3mm [>1.181 - 4.725 = ±0.012] | | MATERIAL SEE NOTES | | TITLE GEN 2.0 FAKRA STR PLUG TO SMA STR PLUG USING RG 174 CABLE VARIOUS LENGTH | | Amphenol RF | |
| THIRD ANGLE PROJ. REFERENCE | | ANGLES = ±1° | | ENGR.1 VIJI K ENGR.2 | | DATE 15-JUL-21 | | SHEET NO. 2 OF 2 SCALE: 2.4:1.0 | |
| EAR# 10787 | | | | | | SIZE B | | DRAWING NO. 95X820-162-YYY ITEM NO. 95X820-162-YYY PART NO. 95X820-162-YYY | |

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