NOTES:

1. MATERIALS AND FINISHES:
   GEN 3.0 FAKRA STR JACK - 3FB1-NXSJ-C04W0
   SMA STR JACK - 132116
   CABLE - RG 58

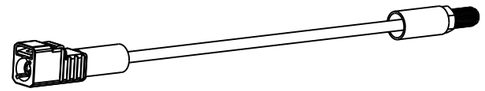
2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM

3. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF, 95X820-163-YYY AND DATE CODE"

4. 95X820-163-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 | 15940 | DSK |



SCALE 0.500




| 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] |
| 95X820-163-006 | - | 6.00 [0.152] |
| 95X820-163-012 | - | 12.00 [0.305] |
| 95X820-163-018 | - | 18.00 [0.457] |
| 95X820-163-024 | - | 24.00 [0.610] |
| 95X820-163-036 | - | 36.00 [0.914] |
| - | 95X820-163M100 | 39.37 [1.000] |
| - | 95X820-163M200 | 78.74 [2.000] |
| - | 95X820-163M300 | 118.11 [3.000] |

| 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:

- [X] FREQUENCY: DC - 3 GHz
- [ ] VSWR: ____ 1 MAX.
- [ ] INS. LOSS: ____ dB MAX.
- [X] CONTINUITY
- [X] HI-POT: 500 VRMS
- [ ] 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.

THIRD ANGLE PROJ.

REFERENCE

EAR# 10788

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]
ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1: SASI D | ENGR.2: | DATE: 14-JUL-21

TITLE: GEN 3.0 FAKRA STR JACK TO SMA STR JACK USING RG 58 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2 | SCALE: 2.0:1.0

Amphenol RF

SIZE: B | DRAWING NO. 95X820-163-YYY | ITEM NO. 95X820-163-YYY | PART NO. 95X820-163-YYY | REV: A