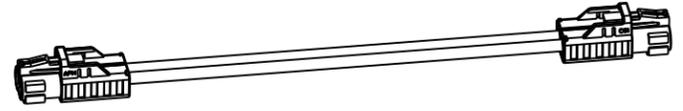


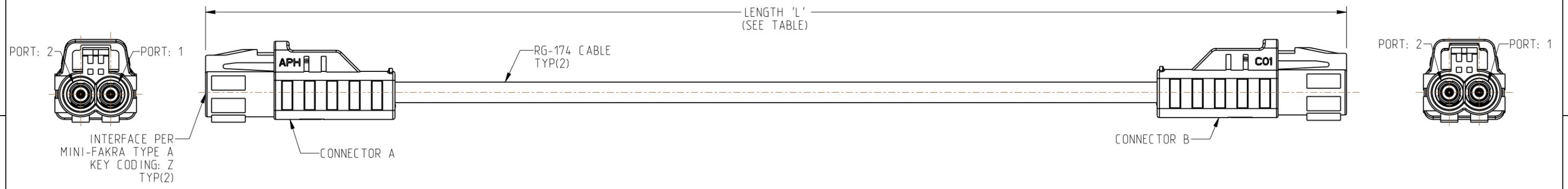
NOTES:

- 1. MATERIALS:
MINI-FAKRA JACK: FM2-NZSJ-C01W0
CABLE: RG-174
- 2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 3 GHz
C. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
- 3. MECHANICAL:
A. DURABILITY: 25 CYCLES MIN.
B. TEMPERATURE RANGE: -40° C TO +105° C
- 4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED "SEE TABLE"
"AMPHENOL RF, 95-820-211-XXX, AND DATE CODE"
- 5. THE MINI-FAKRA TYPE A IS PENDING USCAR-49 CERTIFICATION.

| REVISIONS | | | | |
|-----------|-----------------|-----------|-------|----|
| REV | DESCRIPTION | DATE | ECN | BY |
| A | RELEASE TO MFG. | 12-APR-24 | 16983 | SH |



SCALE 0.600



TABLE

| CONNECTOR A | INTERCONNECTION | CONNECTOR B |
|-------------|-----------------|-------------|
| PORT 1 | ↔ | PORT 2 |
| PORT 2 | ↔ | PORT 1 |

LENGTH TABLE

| DRAWING NO. | ITEM NO. | PART NUMBER (IMPERIAL) | PART NUMBER (METRIC) | LENGTH 'L' IN METERS [INCHES] |
|---------------------------|-----------------|------------------------|----------------------|-------------------------------|
| MKA2FZ-174U-MKA2FZ1-23-01 | M2FZ36M2FZ12301 | 95-820-211-006 | - | 0.1524 [6.00] |
| MKA2FZ-174U-MKA2FZ1-23-02 | M2FZ36M2FZ12302 | 95-820-211-012 | - | 0.3048 [12.00] |
| MKA2FZ-174U-MKA2FZ1-23-03 | M2FZ36M2FZ12303 | 95-820-211-018 | - | 0.4572 [18.00] |
| MKA2FZ-174U-MKA2FZ1-23-04 | M2FZ36M2FZ12304 | 95-820-211-024 | - | 0.6096 [24.00] |
| MKA2FZ-174U-MKA2FZ1-23-05 | M2FZ36M2FZ12305 | 95-820-211-036 | - | 0.9144 [36.00] |
| MKA2FZ-174U-MKA2FZ1-23-06 | M2FZ36M2FZ12306 | - | 95-820-211M100 | 1.000 [39.37] |
| MKA2FZ-174U-MKA2FZ1-23-07 | M2FZ36M2FZ12307 | - | 95-820-211M200 | 2.000 [78.74] |
| MKA2FZ-174U-MKA2FZ1-23-08 | M2FZ36M2FZ12308 | - | 95-820-211M300 | 3.000 [118.11] |
| MKA2FZ-174U-MKA2FZ1-23-09 | M2FZ36M2FZ12309 | - | 95-820-211M400 | 4.000 [157.48] |
| MKA2FZ-174U-MKA2FZ1-23-10 | M2FZ36M2FZ12310 | - | 95-820-211M500 | 5.000 [196.85] |

TOLERANCE TABLE

| LENGTH IN INCHES/FT [METERS] | TOLERANCE |
|---------------------------------|----------------|
| 0" - 23.99" [0 - 0.609] | ±0.25" [0.006] |
| 24.00" - 59.99" [0.610 - 1.523] | ±0.50" [0.013] |
| 5.0' - 24.99' [1.524 - 7.617] | ±2.5% |
| 25.0' & UP [7.620 & UP] | ±5.0% |

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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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: M.ZHANG ENGR.2: M.ZHANG DATE: 04-Aug-23

TITLE: 2 PORT MINI FAKRA TYPE A JACK TO 2 PORT MINI FAKRA TYPE A JACK, ON RG-174 CABLE VARIOUS LENGTH

SHEET NO. 2 OF 2 SCALE: 2.0:1.0

Amphenol RF

| | | |
|---------|---------------------------------------|--------|
| SIZE: B | DRAWING NO. MKA2FZ-174U-MKA2FZ1-23-XX | REV: A |
| | ITEM NO. M2FZ36M2FZ123XX | |
| | PART NO. 95-820-211-XXX | |