

1. MATERIALS AND FINISHES:
 - SMA STR BHD JACK IP67 - BRASS, GOLD PLATING
 - MHF-1-LK RA PLUG - PHOSPHOR BRONZE, GOLD PLATING
 - CABLE - RG-178 CABLE
2. ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
3. PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-902-615-XXX AND DATE CODE"



Technical drawing of a cable assembly. The drawing shows a cross-section of the assembly with various components and dimensions. The main components are:

- INTERFACE PER MIL-STD-348 SERIES: SMA JACK** (Left end)
- 1/4-36UNS-2A THREAD TYP(2)** (Threaded section)
- 11.00 MM WRENCH** (Dimension for the threaded section)
- 5.59 REF [0.220]** (Dimension for the first section)
- 2.21 REF [0.087]** (Dimension for the second section)
- 6.20 REF [0.244]** (Dimension for the third section)
- ADHESIVE LINED HEAT SHRINK TUBE** (Section of the cable)
- 12.70 ± 1.27 [0.500 ± 0.050]** (Dimension for the heat shrink tube section)
- 8.00 MM WRENCH** (Dimension for the heat shrink tube section)
- LOCK WASHER** (Component near the heat shrink tube)
- GASKET** (Component near the heat shrink tube)
- 5.85 REF [0.230] 'D' FLAT** (Dimension for the flat section)
- LENGTH 'L' (SEE TABLE)** (Overall length dimension)
- INTERFACE PER MHF-1-LK PLUG** (Right end)

LENGTH TABLE

PART NUMBER	LENGTH 'L' AND TOLERANCE

DESIGN REQUIREMENTS:

☒ FREQUENCY: DC - 6 GHz	☒ CONTINUITY
☐ VSWR: ____ MAX.	☒ HI-POT: 200 VRMS
☐ INS. LOSS: ____ dB MAX.	☐ OTHER:

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 SMA STR BHD JACK IP 67 FRONT MOUNT TO MHF-1-LK RA PLUG USING RG-178 CABLE		Amphenol RF			
												SIZE B	DRAWING NO. 95-902-615-XXX		REV A
													ITEM NO. 95-902-615-XXX		
													PART NO. 95-902-615-XXX		
THIRD ANGLE PROJ. 		REFERENCE 95-902-596-XXX	EAR# 13019	ANGLES = ±1°		ENGR.1 RANISH	ENGR.2	DATE 06-MAY-25	SHEET NO. 2 OF 2	SCALE: 3.4:1.0					