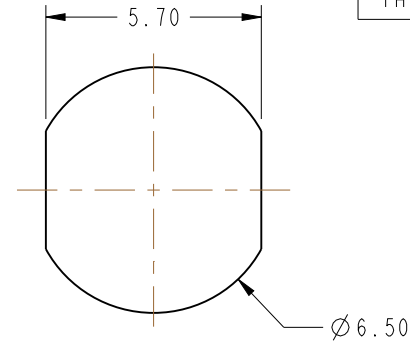


I. MATERIALS AND FINISHES:
FAKRA SMB PLUG: BODY - ZINC ALLOY, NICKEL PLATING
 CENTER CONTACT - BERYLLIUM COPPER, GOLD PLATING
AMC PLUG: BODY - PHOSPHOR BRONZE, SILVER PLATING
 CENTER CONTACT - PHOSPHOR BRONZE, GOLD PLATING
CABLE: 1.37MM MICRO-COAX

3. MECHANICAL:
A. RECOMMENDED LOCKWASHER TORQUE: 1.13 N-M [10 IN-LBS]

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-820-109-XXX, AND DATE CODE"



A diagram of a cable with a connector on one end and a plug on the other. The connector is a multi-pin connector with a locking mechanism. The plug is a simple two-pronged plug.

Diagram illustrating the assembly of the cable, showing the connection between the Fakra SMB plug and the AMC R/A plug. The assembly includes a gasket, lock washer, 8mm hex nut, and heat shrink tube. The length of the cable is denoted as "L" (SEE TABLE). A reference dimension of 12.70 REF is indicated for the distance between the gasket and the heat shrink tube.

PART NUMBER TABLE	
PART NUMBER	LENGTH "L" MM [IN]
95-820-109-05Y	50.00±5.00 [1.97±.20]
95-820-109-10Y	100.00±5.00 [3.94±.20]
95-820-109-15Y	150.00±5.00 [5.91±.20]
95-820-109-20Y	200.00±5.00 [7.87±.20]
95-820-109-25Y	250.00±5.00 [9.84±.20]
95-820-109-30Y	300.00±5.00 [11.81±.20]

ADDITIONAL LENGTHS AND FAKRA KEY CODES AVAILABLE BY
CHANGING XXX TO DESIRED LENGTH IN MM AND FAKRA KEY CODE.
CONTACT AMPHENOL RF MARKETING FOR QUOTE.
EXAMPLE: -09B IS 90MM WITH FAKRA KEY CODE "B"

FAKRA KEY TABLE			
KEY CODE	ASSEMBLY PART #	COLOR	RAL NO.
A	95-820-109-XXA	JET BLACK	9005
B	95-820-109-XXB	CREAM	9001
C	95-820-109-XXC	SIGNAL BLUE	5005
D	95-820-109-XXD	CLARET VIOLET	4004
E	95-820-109-XXE	LEAF GREEN	6002
F	95-820-109-XXF	NUT BROWN	8011
G	95-820-109-XXG	BLUE GREY	7031
H	95-820-109-XXH	HEATHER VIOLET	4003
I	95-820-109-XXI	BEIGE	1001
K	95-820-109-XXK	CURRY	1027
L	95-820-109-XXL	CARMINE RED	3002
M	95-820-109-XXM	PASTEL ORANGE	3003
N	95-820-109-XXN	PASTEL GREEN	6019
Z	95-820-109-XXZ	WATER BLUE	5021

<input checked="" type="checkbox"/> FREQUENCY: DC TO 6 GHz	<input checked="" type="checkbox"/> CONTINUITY
<input checked="" type="checkbox"/> VSWR : 1.30 MAX @ 2 GHz 1.50 MAX @ 6 GHz	<input checked="" type="checkbox"/> HI-POT :200 VRMS
<input type="checkbox"/> INS. LOSS ----- dB MAX	<input type="checkbox"/> OTHER

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°					MATERIAL		DRAWN		DATE		TITLE IP-67 FAKRA STR SMB PLUG TO AMC R/A PLUG ON 1.37MM CABLE, VARIOUS LENGTH				Amphenol RF www.amphenolrf.com			
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.					SEE NOTES		ENGINEER		DATE									
					REFERENCE		B. GREENBAUM		16-OCT-17									
					EAR# 8550		APPROVED		DATE									
					REF: TRUE		S. HSIEH		27-FEB-18		SCALE: 3.0:1.0		SHEET 2 OF 2					
					CONFIGURATION LEVEL: In Work		CAD FILE		DWG SIZE				REV		DRAWING NO. 95-820-109-XXY			
					FINISH				B				B		ITEM NO. 95-820-109-XXY			
															PART NO. 95-820-109-XXX			