

1. MATERIALS AND FINISHES:
GEN 3.0 FAKRA STR JACK - 3FB1-NZSJ-C04W0
RP TNC STR PLUG - 122108RP
CABLE - LMR 195

3. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 95-820-197-XXX AND DATE CODE".

Technical drawing of a cable assembly. The drawing shows a cross-section of the cable with a central conductor and an outer shield. The length of the cable is labeled as 'LENGTH 'L' (SEE TABLE)'. The drawing also shows the cable's connection to a 'HEAT SHRINK TUBE TYP(2)' and an 'INTERFACE PER RP TNC PLUG'. The drawing includes a dimension of 25.40 ± 1.27 [1.000 $\pm$ 0.050] TYP(2) for the length of the heat shrink tube. The drawing also shows the 'INTERFACE PER DIN 72594-1 SERIES: FAKRA JACK'.

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 [MM]
95-820-197-036	-	36.00 [914.00]
-	95-820-197M100	39.37 [1000.00]
95-820-197-048	-	48.00 [1219.00]
95-820-197-060	-	60.00 [1524.00]
-	95-820-197M300	118.11 [3000.00]
95-820-197-120	-	120.00 [3048.00]
-	95-820-197M500	196.85 [5000.00]
95-820-197-240	-	240.00 [6096.00]
-	95-820-197M10L	393.70 [10000.00]
	95-820-197M15L	590.55 [15000.00]
95-820-197-600	-	600.00 [15240.00]
-	95-820-197M20L	787.40 [20000.00]
-	95-820-197M30L	1181.10 [30000.00]

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%

☒ FREQUENCY: DC - 6 GHz ☒ CONTINUITY
☐ VSWR: ____ 1 MAX. ☒ HI-POT: 500 VRMS
☐ INS. LOSS: ____ dB MAX. ☐ OTHER

GEN 3.0 FAKRA STR JACK TO
RP TNC STR PLUG USING
LMR 195 CABLE VARIOUS LENGTH

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									SIZE B	DRAWING NO. 95-820-197-XXX	REV A
										ITEM NO. 95-820-197-XXX	
THIRD ANGLE PROJ. 			REFERENCE	EAR# 11498	ANGLES = $\pm 1^\circ$		ENGR.1 SIVA	ENGR.2	DATE 08-SEP-22	SHEET NO. 2 OF 2	SCALE: 1.9:1.0