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NOTES:

1. MATERIALS AND FINISHES:
GEN 1 FAKRA STR JACK - FA1-NZSJ-C04-0
CABLE - IGUS HI-FLEX RG-58
MIN. BEND RADIUS: 55MM

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC-3 GHz

3. MECHANICAL:
A. TEMPERATURE RANGE: -40°C TO +85°C

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

5. THE MINIMUM LENGTH OF 12 INCHES IN THE LENGTH TABLE IS A STRICT REQUIREMENT
TO PREVENT THE DISPLACEMENT OF THE CABLE JACKET WHEN ASSEMBLYING THE CABLE ASSEMBLIES.

REVDESCRIPTIONDATEECNBY
ARELEASE TO MFG.15-JUN-2617965SEH

SCALE 0.500

CONNECTOR A

HEAT SHRINK TUBE
TYP(2)

31.75 REF
[1.250]
TYP(2)

LENGTH "L" (SEE TABLE)

CONNECTOR B

INTERACE PER
DIN 72594-1
SERIES: FAKRA JACK
TYP(2)

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]
95FJXFJXSK-012	-	12.00 [0.305]
95FJXFJXSK-018	-	18.00 [0.457]
95FJXFJXSK-024	-	24.00 [0.610]
95FJXFJXSK-036	-	36.00 [0.914]
-	95FJXFJXSKM100	39.37 [1.000]
-	95FJXFJXSKM200	78.74 [2.000]
-	95FJXFJXSKM300	118.11 [3.000]

TYPE	CONNECTOR A	CONNECTOR B	CONFIGURATION ORIENTATION	CABLE TYPE	CABLE LENGTH
95	FJX	FPX	S	K	-XXX

KEYING
A,B,C...

GENDER
J = JACK
P = PLUG

CONNECTOR TYPE
F = FAKRA

STANDARD ARF "95" SERIES
CABLE PREFIX

ORIENTATION
S-STRAIGHT TO STRAIGHT

CABLE TYPE
K - RG-58

LENGTH CODE
SEE LENGTH TABLE

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%

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 [$<0.020 = \pm0.002$]
0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm0.004$]
>6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm0.008$]
>30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm0.012$]
ANGLES = ±1°

MATERIAL
ENGR.1
S. HOFFLER

ENGR.2
DATE
20-JUN-25

TITLE
GEN 1 FAKRA STR JACK TO GEN
1 FAKRA STR JACK
USING CFKOAX2.01 CABLE
VARIOUS LENGTHS
SHEET NO. 2 OF 2
SCALE: 1.5:1.0

Amphenol RF

SIZE
B

DRAWING NO.
95FJXFJXSK-XXX

ITEM NO.
95FJXFJXSK-XXX

PART NO.
95FJXFJXSK-XXX

REV
A

THIRD ANGLE PROJ.

REFERENCE

EAR#
13061

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