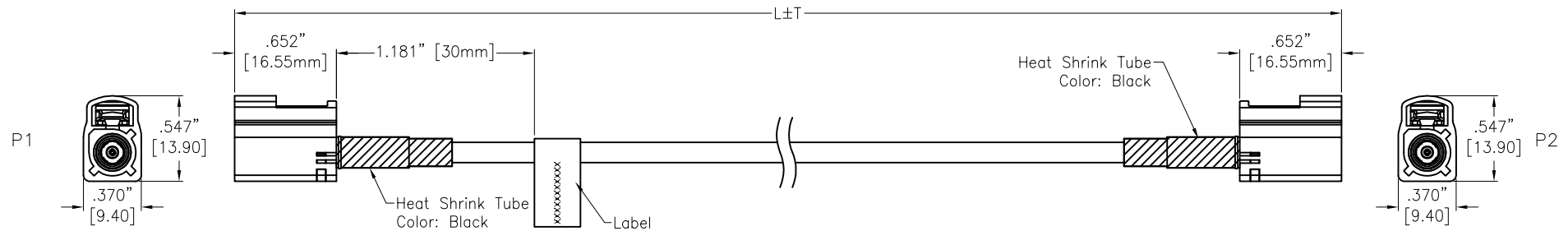


APPROVED: _____
DATE: _____ TITLE: _____
CUSTOM PRODUCT ARE NON-CANCELABLE / NON-RETURNABLE

Rev	AWO #	Description	Date	Appr
-		RELEASED	9/15/22	
A		ADDED DIM.	8/7/23	LH/KC
B		UPDATE DRAWING	9/16/25	LW1/RC



SPECIFICATIONS:

Connector:

P1&P2= Waterproof FAKRA Code See Page 2, Jack, Straight, 30u" Gold Plated Thermoplastic, rated UL 94-V0

Cable:

RTK-031: 22AWG Coaxial+AL+Mylar+Braid, OD: .126" [3.2mm]

Jacket Color: Black PVC

Electrical:

Impedance: 50Ω

Frequency: DC to 6.0GHz

VSWR: 1.50 Max @ 0~3.0GHz; 1.80 Max @ 3.0~4.0GHz

Insulation resistance: 100 Mohms min

Mechanical:

Connector Insertion Force: 25N Max

Disengagement Force: 2N Min

Durability: 25 Cycles Min

Retention Force Latch: 110N Min

Mismating Orientation Effectiveness: 40N Min

Thermal Shock: SAE/USCAR-2,5.4.1/5.6.1

Humidity: SAE/USCAR-2,5.4.1/5.6.2

Vibration& Mechanical Shock: SAE/USCAR-2,5.4.1/5.4.6

Electrical Test:

All Assemblies must be 100% Tested for Shorts, Open, Continuity, and Physical Appearance.

Temperature Rating:

Operating temperature: -40°C to +105°C

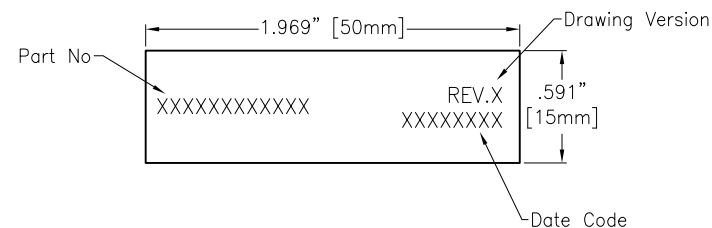
Environmental:

Waterproof: IP69K

Lead free, RoHS compliant.



ADAM P/N	L±T
CA-FJFJ-XX00310WP	39.370"±1.181" [1000±30mm]
CA-FJFJ-XX003100WP	393.701"±5.906" [10000±150mm]



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			ADAM TECH 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 adam-tech.com		
.X ± .10	Ø.X ± .10				
INCHES .XX ± .020	HOLES Ø.XX ± .015				
.XXX ± .015	Ø.XXX ± .010				
DRAWN	LH	9/15/22	TITLE CUSTOM CABLE ASSEMBLY FAKRA JACK STR TO FAKRA JACK STR, IP69K RATED, W/ TPA		
CHECKED	RC	9/15/22			
APPROVED			SIZE X		
CONFIDENTIAL AND PROPRIETARY © Adam Tech. All rights reserved. This document contains confidential and proprietary information belonging to Adam Tech. It is provided solely for design and reference purposes by authorized parties. Any reproduction, distribution, display, or disclosure to third parties, in whole or in part, without the prior written consent of Adam Tech, is strictly prohibited. Adam Tech retains all rights, including copyright, trademark, trade secret, and all other intellectual property rights worldwide.			PART NO. CA-FJFJ-XX003XWP		REV. B
			REF: S00013T	SCALE: NTS	SHEET 1 OF 2

6

5

4

3

2

1

APPROVED: _____

DATE: _____ TITLE: _____

Rev

AWO #

Description

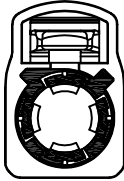
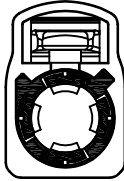
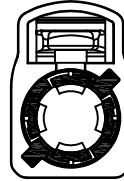
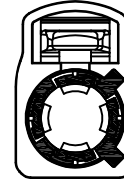
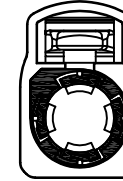
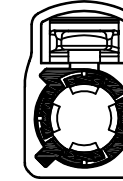
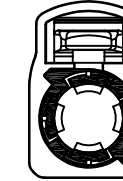
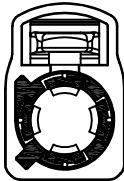
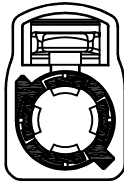
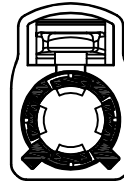
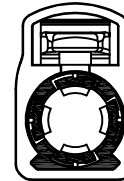
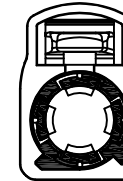
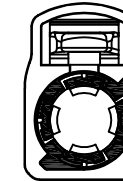
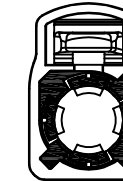
Date

Appr

SEE SHT 1 OF 2 FOR REVISION

CA-FJFJ-XX003XWP

P1/P2 CODE

Coding	A	B	C	D	E	F	G
Jack							
Color	JET BLACK	CREAM WHITE	SIGNAL BLUE	CLARET VIOLET	LEAF GREEN	NUT BROWN	BLUE GRAY
Coding	H	J	K	L	M	N	Z
Jack							
Color	HEATHER VIOLET	BEIGE	CURRY	CARMINE RED	PASTEL ORANGE	PASTEL GREEN	WATER BLUE

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

.X	± .10	Ø.X	± .10
INCHES .XX	± .020	HOLES Ø.XX	± .015
.XXX	± .015	Ø.XXX	± .010

DRAWN

LH

9/15/22

CHECKED

RC

9/15/22

APPROVED

CONFIDENTIAL AND PROPRIETARY

© Adam Tech. All rights reserved. This document contains confidential and proprietary information belonging to Adam Tech. It is provided solely for design and reference purposes by authorized parties. Any reproduction, distribution, display, or disclosure to third parties, in whole or in part, without the prior written consent of Adam Tech, is strictly prohibited. Adam Tech retains all rights, including copyright, trademark, trade secret, and all other intellectual property rights worldwide.

**ADAM
TECH**909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE

CUSTOM CABLE ASSEMBLY FAKRA JACK
STR TO FAKRA JACK STR, IP69K RATED, W/ TPASIZE
X

PART NO.

CA-FJFJ-XX003XWP

REV:
B

REF:

S00013T

SCALE: NTS

SHEET 2 OF 2

6

5

4

3

2

1