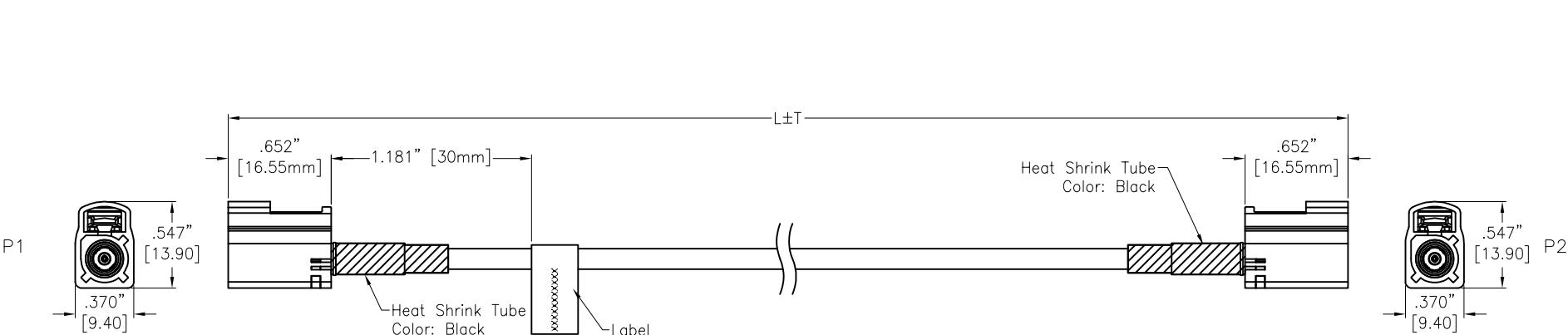


APPROVED: _____

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:

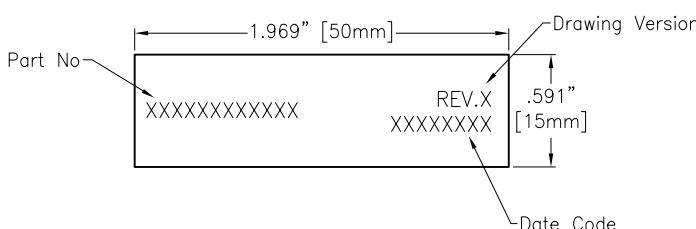
Waterproof: IP69K

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]

A

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

INCHES	X $\pm .10$	$\emptyset X$ $\pm .10$
XX	$\pm .020$	$\emptyset XX$ $\pm .015$
XXX	$\pm .015$	$\emptyset XXX$ $\pm .010$

DRAWN LH 9/15/22

CHECKED RC 9/15/22

APPROVED

ADAM
TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.comTITLE: CUSTOM CABLE ASSEMBLY FAKRA JACK
STR TO FAKRA JACK STR, IP69K RATED, W/ TPA

SIZE X PART NO. CA-FJFJ-XX003XWP REV. B

REF: S00013T SCALE: NTS SHEET 1 OF 2

