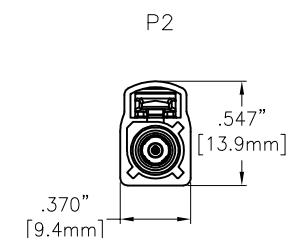
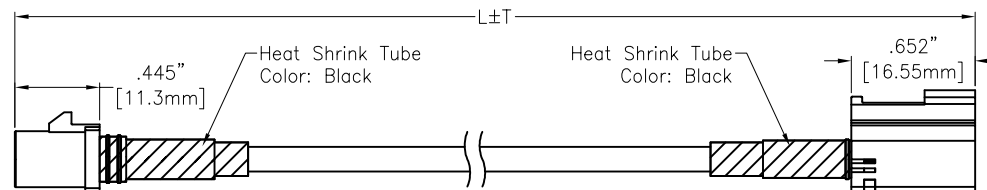
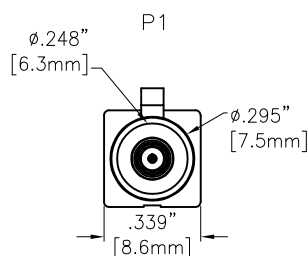


Rev	AWO #	Description	Date	Appr
-		RELEASED	9/16/25	

APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM PRODUCT ARE NON-CANCELABLE / NON-RETURNABLE



SPECIFICATIONS:

Connector:

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

P2= Waterproof FAKRA Code: See Page 3, 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 4GHz

VSWR: 1.50Max @ 0~3GHz

1.80Max @ 3~4GHz

Insulation resistance: 100 Mohms min

Mechanical:

Connector Insertion Force: 25N Max

Disengagement Force: 2N Min

Mating Cycles: 25 Cycles Min

Retention Force Latch: 110N Min

Mismatching Orientation Effectiveness: 40N Min

Environmental:

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 $+150^{\circ}\text{C}$


Environmental:

Waterproof: IP69K

Lead free, RoHS compliant.



ADAM P/N	L±T
CA-FMFJ-XX0011WPA	39.370"±1.181" [1000±30mm]

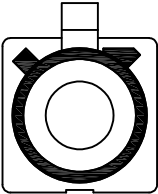
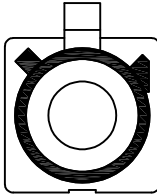
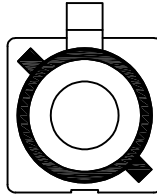
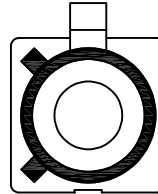
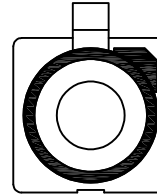
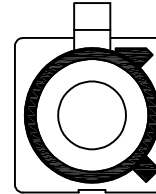
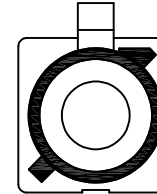
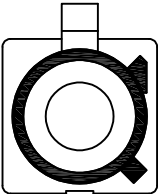
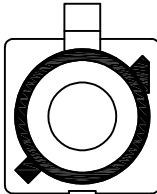
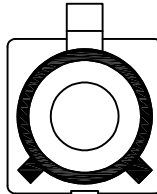
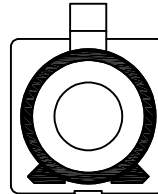
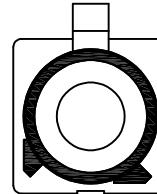
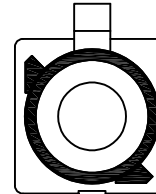
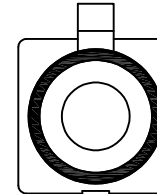
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			<div></div> <div>909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 adam-tech.com</div>			
INCHES .X ± .10 .XX ± .020 .XXX ± .015					HOLES Ø.X ± .10 Ø.XX ± .015 Ø.XXX ± .010	
DRAWN	LW1	9/16/25				
CHECKED	RC	9/16/25	TITLE CUSTOM CABLE ASSEMBLY, FAKRA PLUG STRAIGHT TO FAKRA JACK STRAIGHT , RTK031, 22AWG, IP69K			
APPROVED						
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REF: S00013T			SCALE: NTS		SHEET 1 OF 3	

APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

CA-FMFJ-XX001XWPA
└ P1 CODE

Coding	A	B	C	D	E	F	G
Plug							
Color	JET BLACK	CREAM WHITE	SIGNAL BLUE	CLARET VIOLET	LEAF GREEN	NUT BROWN	BLUE GRAY
Coding	H	J	K	L	M	N	Z
Plug							
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	LW1	9/16/25
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CHECKED	RC	9/16/25
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TITLE
**CUSTOM CABLE ASSEMBLY, FAKRA PLUG STRAIGHT
TO FAKRA JACK STRAIGHT , RTK031, 22AWG, IP69K**

SIZE X	PART NO. CA-FMFJ-XX001XWPA	REV. -
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REF: S00013T	SCALE: NTS	SHEET 2 OF 3
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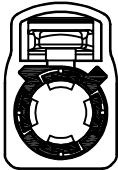
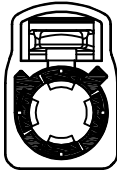
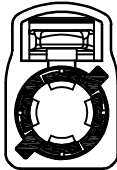
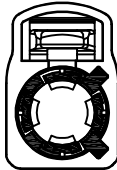
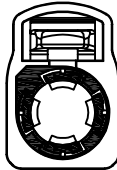
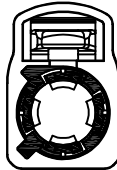
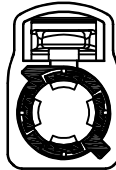
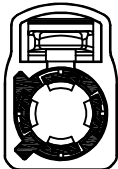
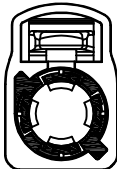
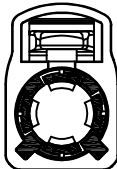
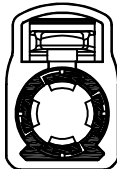
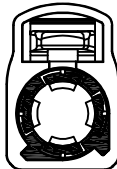
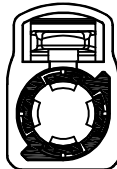
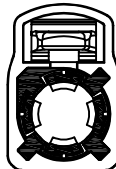
APPROVED: _____

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Rev	AWO #	Description	Date	Appr
SEE SHT 1 OF 3 FOR REVISION				

CA-FMFJ-XX001XWPA

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

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

DRAWN	LW1	9/16/25
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SIZE X	PART NO. CA-FMFJ-XX001XWPA	REV. -
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REF: S00013T	SCALE: NTS	SHEET 3 OF 3
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