

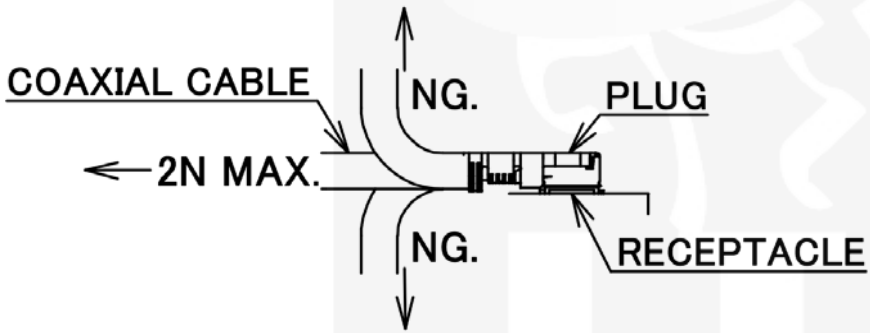
CABLE LENGTH:
"-X" IN THE ENDING OF THE CABLE PART NUMBER IS CALLING OUT THE LENGTH THE CABLE IS CUT.
EXAMPLES SHOWN BELOW:

STANDARD:
LTI P/N: CB1.13-2IPX4L-4IN (4 INCHES)
CB1.17LL-2IPX4L-100mm (100 MILLIMETERS)

OPPOSITE ORIENTATION:
LTI P/N: CB1.13-2IPX4L-4IN-6O (4 INCHES)
CB1.17LL-2IPX4L-100mm-6O (100 MILLIMETERS)

CONTACT LTI FOR MORE ORIENTATION CONFIGURATIONS

- NOTES:
- 1. IMPEDANCE: 50Ω
 - 2. OPERATING FREQUENCY: DC - 12GHz
 - 3. TEMPERATURE RANGE: -40 °C ~ +90 °C
 - 4. MAX HEIGHT: 1.2mm (0.81 CABLE) AND 1.4mm (1.13,1.17LL CABLE)
 - 5. CABLE CRIMP STRENGTH: 15N MIN
 - 6. ORIENTATION OF CONNECTORS: 0° ± 45°
 - 7. DURABILITY: 30 CYCLES



CABLE PART NUMBERING:

CBX-2IPX4L-X

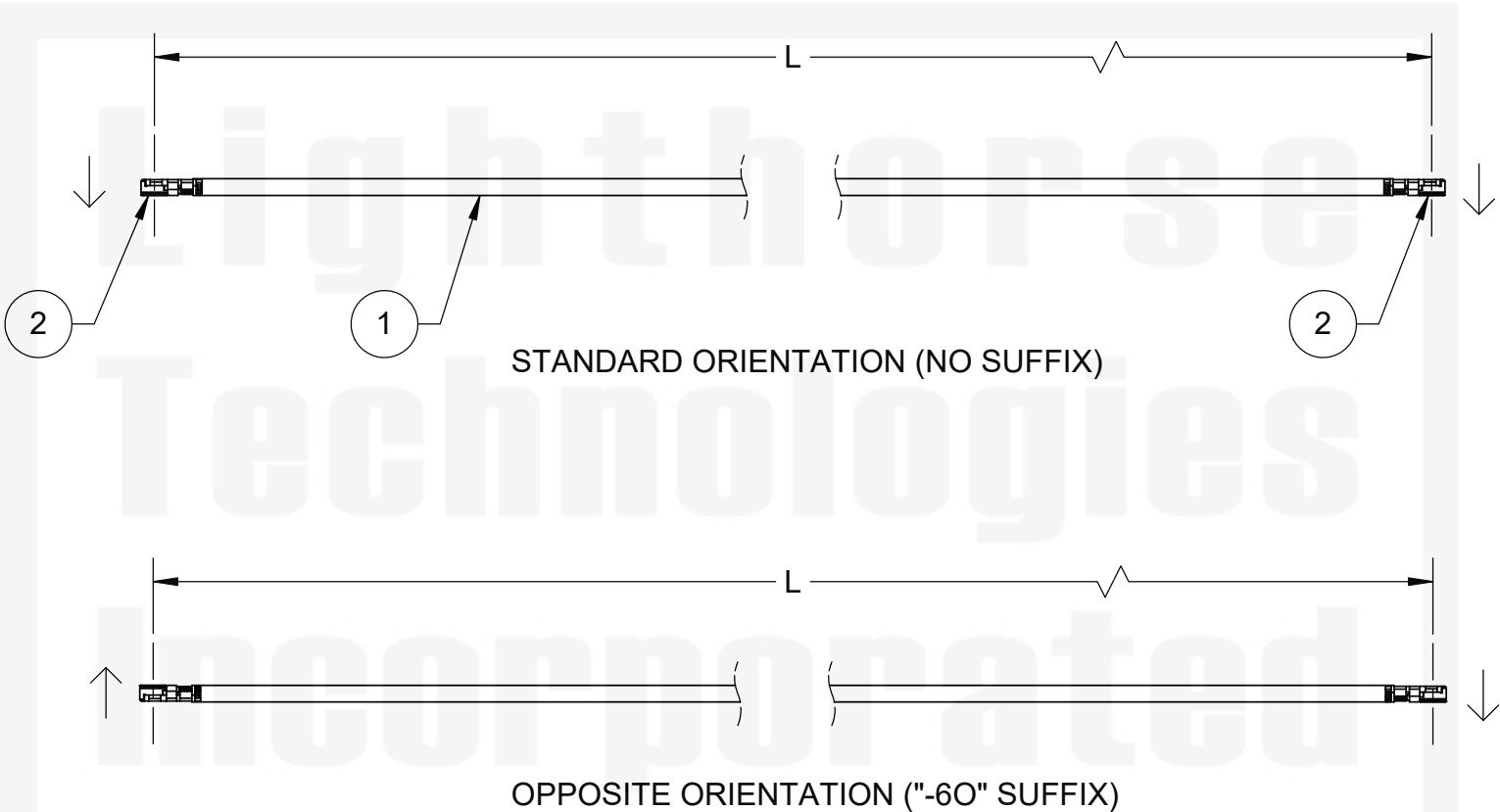
(1): CABLE TYPE		(2): I-PEX MHF 4L	(3): LENGTH TOLERANCE
"0.81"	Ø 0.81mm, CABLE, WHITE	IPX4LLF11GPB-081 (20572-001R-08)	1-12IN ± 0.08
"1.13"	Ø 1.13mm, CABLE, BLACK	IPX4LLF11GPB-113 (20565-001R-13)	12-36IN ± 0.12
"1.17LL"	Ø 1.17mm, LOW-LOSS CABLE, GRAY	IPX4LLF11GPB-113 (20565-001R-13)	25-305mm ± 2
			305-915mm ± 3

PROPRIETARY AND CONFIDENTIAL
UNLESS OTHERWISE SPECIFIED: THIS DOCUMENT CONTAINS LIGHTHORSE TECHNOLOGIES INFORMATION. REPRODUCTION, USE, DISCLOSURE OR TRANSMITTAL OF ALL OR ANY PART OF THIS DOCUMENT IS PROHIBITED EXCEPT TO THE EXTENT APPROVED IN WRITING BY AN AUTHORIZED REPRESENTATIVE OF LIGHTHORSE TECHNOLOGIES. LIGHTHORSE TECHNOLOGIES RESERVES ALL RIGHTS UNDER PATENTS, TRADEMARKS, COPYRIGHTS AND TRADE SECRETS. COPY RIGHTS OF LIGHTHORSE TECHNOLOGIES 2011, ALL RIGHTS RESERVED.

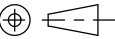


REVISIONS				
REV	ECR	DESCRIPTION	DRAWN	DATE
1		ENGINEERING RELEASE	M. LARSEN	04/21/2025

NOTE: CABLE IS CUT TO LENGTH SPECIFIED IN THE PART NUMBER



IPX® AND MHF® ARE REGISTERED TRADEMARKS OF I-PEX CO., LTD. CORPORATION

DO NOT SCALE DRAWING			 Lighthouse Technologies San Diego, CA WWW.RFCONNECTOR.COM	
TOLERANCES UNLESS OTHERWISE SPECIFIED				
DIMENSIONS ARE IN MILLIMETERS			TITLE: CABLE ASSEMBLY, IPX4L (MHF 4L), TO IPX4L (MHF 4L), CABLE CRIMP	
X = ±0.5 X.X = ±0.25 X.XX = ±0.13 ANGLE = ±30'  THIRD ANGLE PROJECTION				
CUSTOMER APPROVAL				
SIGN / DATE:			SIZE	
ENG APPR.			PART/DWG. NO:	
CHECKED			REV	
DRAWN			1	
NAME			SCALE: 2:1	
DATE			FILE NAME	
			SHEET 1 OF 1	