

NOTE: CABLE IS CUT TO LENGTH SPECIFIED IN THE PART NUMBER.
LENGTH AFTER ASSEMBLY MAY DIFFER.

REVISIONS

REV	ECR	DESCRIPTION	DRAWN	DATE
1		ENGINEERING RELEASE	M. LARSEN	06/05/2025

CONTACT LTI FOR CUSTOM LENGTH AND TOLERANCE

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

I-PEX MHF 4L:
LTI P/N: CB1.13-IPX4L-SARMGT-4IN (4 INCHES)
CB1.17LL-IPX4L-SARMGT-100mm (100 MILLIMETERS)

I-PEX MHF 4L LOCKING:
LTI P/N: CB1.37-IPX4LLK-SARMGT-4IN (4 INCHES)
CB1.37-IPX4LLK-SARMGT-100mm (100 MILLIMETERS)

- NOTES:
- 1. OPERATING FREQUENCY: DC - 6GHz
 - 2. IMPEDANCE: 50Ω
 - 3. TEMPERATURE RANGE: -40 °C ~ +90 °C
 - 4. MAX HEIGHT: 1.4mm (1.13,1.17LL COAX), 2mm (MHF 4L LK)
 - 5. I-PEX CABLE CRIMP STRENGTH: 15N MIN
 - 6. I-PEX DURABILITY: 30 CYCLES

CABLE PART NUMBERING (MHF 4L):

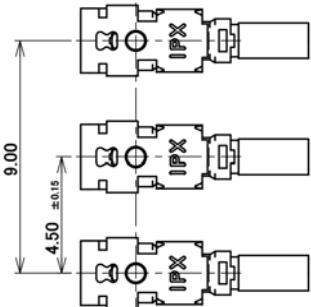
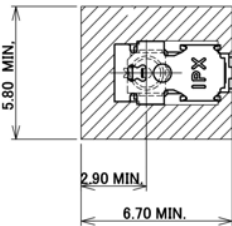
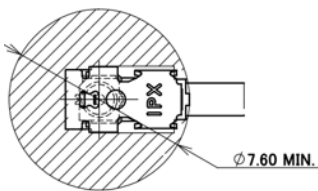
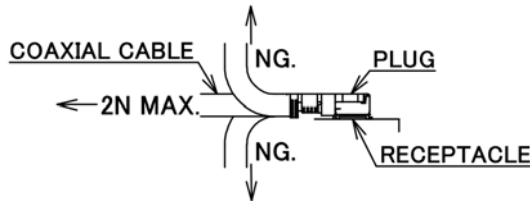
CBX-IPX4L-SARMGT-X

CABLE PART NUMBERING (MHF 4L LOCKING):

CB1.37-IPX4LLK-SARMGT-X

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

(1): CABLE TYPE		(2): IPX4L (I-PEX MHF 4L)	(3): IPX4LLK (I-PEX MHF 4L LOCKING HARNESS)	(4): RP-SMA PLUG	(5): HEAT SHRINK TUBE	CBL ASSY LENGTH
"1.13"	∅ 1.13mm, CABLE, BLACK	IPX4LLF11GPB-113 (20565-001R-13)		LTI P/N: SASRM11GT-316 (RP-SMA, PLUG, STRAIGHT, CABLE CRIMP)	∅ 3/32, .5" LENGTH, GREEN	TOLERANCE: 1-36IN ± 0.5 25-915mm ± 13
"1.17LL"	∅ 1.17mm, LOW-LOSS CABLE, GRAY	IPX4LLF11GPB-113 (20565-001R-13)			∅ 3/32, .5" LENGTH, GREEN	
			"1.37" ∅ 1.37mm, CABLE, CB1.37-2IPX4LLK-500MM, BLACK		∅ 3/32, .5" LENGTH, GREEN	



DO NOT SCALE DRAWING		
TOLERANCES UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN MILLIMETERS		
X = ±0.5 X.X = ±0.25 X.XX = ±0.13 ANGLE = ±30°		
THIRD ANGLE PROJECTION		
CUSTOMER APPROVAL		
SIGN / DATE:		
ENG APPR.		
CHECKED		
DRAWN	M. LARSEN	06/05/2025
	NAME	DATE



Lighthouse Technologies

San Diego, CA
WWW.RFCONNECTOR.COM

TITLE:
CABLE ASSEMBLY,
IPX4L (MHF 4L), TO RP-SMA PLUG,
CABLE CRIMP

SIZE	PART/DWG. NO:	REV
B	CBX-IPX4L-SARMGT-X	1
SCALE: 2:1	FILE NAME	SHEET 1 OF 1

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