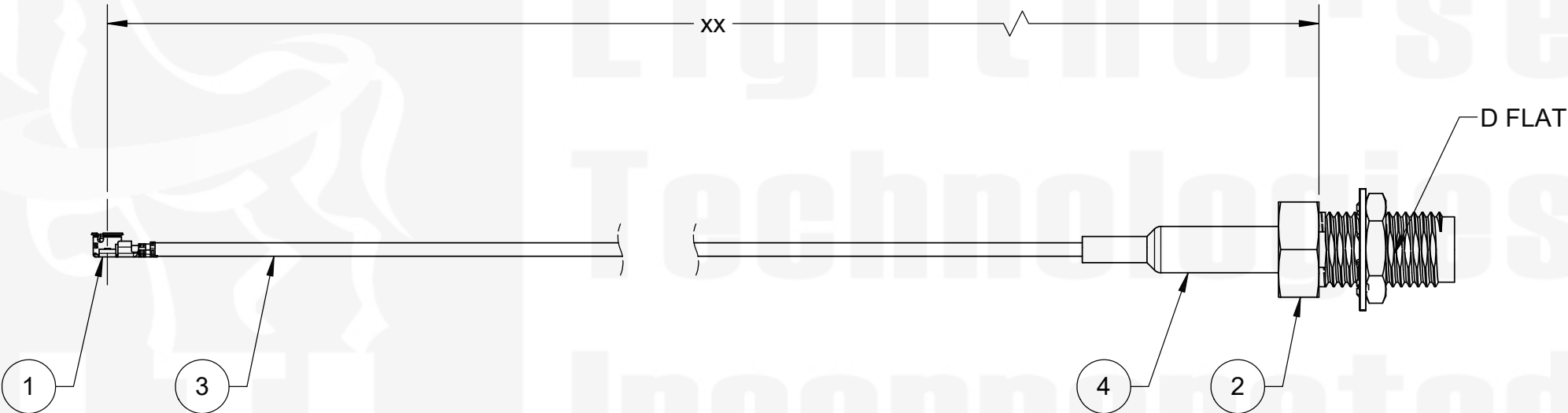


LENGTH TOLERANCE FOR CABLE ASSEMBLIES	
Inches	Millimeters
0 - 2IN +/- 0.040	0 - 51 +/- 1
2IN - 6IN +/- 0.080	51 - 153 +/- 2
6IN - 12IN +/- 0.140	153 - 305 +/- 3.5
12IN - 48IN +/- 0.250	305 - 1219 +/- 6.4
48IN - 144IN (12FT) +/- 0.500	1219 - 3658 +/- 13
144IN (12FT) - ABOVE +/- 1.0	3658 - ABOVE +/- 25
UNLESS OTHERWISE SPECIFIED ON DRAWING	

-XX IN THE ENDING OF THE CABLE PART NUMBER IS CALLING OUT THE LENGTH OF THE ASSEMBLY FROM CENTER TO MATING FLANGE OF CONNECTORS.

EXAMPLES SHOWN BELOW:
LTI P/N: CB1.17LL-IPX-SAF3GT-4IN (4 INCHES)
CB1.17LL-IPX -SAF3GT-100mm (100 MILLIMETERS)

REVISIONS				
REV	ECR	DESCRIPTION	DRAWN	DATE
1		ENGINEERING RELEASE	M. LARSEN	10/29/2025



ITEM	PART NUMBER	DESCRIPTION	QTY
1	IPXLF11GPB-113	IPX (MHF1), RHT ANGLE, JACK, CABLE CRIMP, (I-PEX 20278-112R-13)	1
2	SASF13RGT-113	SMA, STRAIGHT, JACK, BULKHEAD, HIGH PERFORMANCE, CABLE CRIMP	1
3	1.17LL MICRO COAX	CABLE, 1.17LL LOW LOSS, MICRO COAX	AR
4	1635F-3/32"	.094" (3/32") DIA, 0.5" LENGTH, GREEN	1

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, COPY RIGHTS AND TRADE SECRETS. COPY RIGHTS OF LIGHTHORSE TECHNOLOGIES 2011, ALL RIGHTS RESERVED.



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°

CUSTOMER APPROVAL

SIGN / DATE:

ENG APPR. P. BURDGE 08/08/2022

CHECKED M. HELD 08/08/2022

DRAWN M. LARSEN 10/29/2025

NAME DATE

Lighthorse Technologies

San Diego, CA

WWW.RFCONNECTOR.COM

TITLE: CABLE ASSEMBLY, IPX (MHF 1), TO SMA JACK, BULKHEAD MOUNT, USING 1.17LL (LOW LOSS) COAX

SIZE B

PART/DWG. NO: CB1.17LL-IPX-SAF3GT-xx

REV 1

SCALE: 2:1

FILE NAME

SHEET 1 OF 1