

Material	High Conductivity Seamless Copper Tube
Plating	Electro-Tin
Wire Size	1/0 STR/FLEX
Wire Type	Stranded Copper: Class B & C, Compact, Class G, H, I, K, M, Locomotive
Wire Strip Length	3/4 in.
Stud Size	1/2 in.
UL Listed Wire Connector	Yes, for applications up to 35kv. Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
UL Temperature Rating	90° C
C.S.A Certified Wire Connector	Yes
Panduit Color Code on Barrel	PINK
Panduit Die Index No. on Barrel	P42
Alternate Industry Die Index No. () on Barrel	(12)



Technical drawing of a Panduit 1/0 STR/FLEX LCDX1/0-12F cable. The drawing includes two views: a top view and a side view.

Top View Dimensions:

- Overall width: $.85 \pm .04$
- Distance from left edge to first hole center: $.63 \pm .04$
- Distance between hole centers: $1.75 \pm .02$
- Hole diameter: $.53 \pm .02$ DIA (2) PLS
- Callouts: "PANDUIT" and "1/0 STR/FLEX LCDX1/0-12F"
- Feature: "Wire inspection window"

Side View Dimensions:

- Overall height: $.13 \pm .01$
- Length of straight section: $3.00 \pm .04$
- Radius of bend: $90^\circ \pm 5^\circ$
- Distance from bend to end of straight section: $.45 \pm .01$
- Distance from bend to end of cable: $.58 \pm .01$
- Distance from bend to end of cable (reference): 3.82 REF
- Distance from bend to end of cable (reference): 1.36 REF
- Distance from bend to end of cable (reference): $.72 \pm .04$
- Feature: "Beveled wire entry"

Color Coded Barrel Markings:

- Markings: "PANDUIT" and "PINK DIE P42 (12)"
- Callout: "Color coded barrel markings"

						 PANDUIT CORP. TINLEY PARK, ILLINOIS	
						LCDX1/0-12F-X Copper Lug - Two-Hole, Standard Flex Barrel, 90° Angle Tongue	
00	6/03	SAC	SAC	RELEASED	10850		
REV	DATE	BY	CHK	DESCRIPTION	ECN	SCALE N/A	DRAWING NO / CAD FILE LCDX1_0-12F-CUST