

Description:

US Digital offers a wide variety of standard linear strips. These products are available in many different resolutions and lengths. The material used is mylar polyester film. This material is very rugged and virtually unbreakable with a wide temperature range of -70°C to +100°C. There is no minimum order.

Custom linear strips are available with multiple index points, unique mounting holes and different size linear strip widths (*contact the sales department*). Users are now able to customize resolutions to specific applications (*see the EDIVIDE data sheet*).

The mylar linear strips have a thickness of .007" and are cut to a width of 0.700".

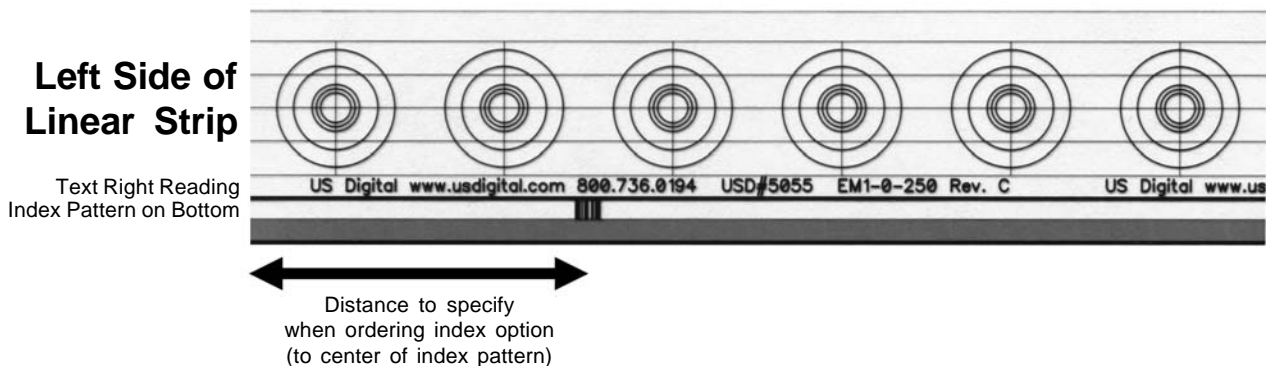
Mechanical alignment drawings for optical encoder linear strips and optical encoder modules are available (*see the EM1 / HEDS data sheet*).

This product is RoHS compliant.

US Digital warrants its products against defects in materials and workmanship for two years. See complete warranty for details.

Index Option:

Number of inches from left side of linear strip.



Ordering Information:

Part Number:

LIN - - -

CPI:
120
125
127
150
180*
200
250
300*
360*
500

Length:
1 to 34 inches

Options:**
Index: Specify number of inches from left side of linear strip (*see section above*).

Notes:
* Index option not available.
** For index option on linear strips larger than 24 inches please contact the sales department.

Part Number Examples:

- LIN-120-24:**
120 CPI linear strip with length of 24 inches, non-index.
- LIN-500-6-3:**
500 CPI linear strip with length of 6 inches, index is located 3" from left side of linear strip.
- LIN-150-32-16:**
500 CPI linear strip with length of 32 inches, index is located 16" from left side of linear strip.

Pricing:

CPI	Non-Index Pricing Level	With Index Pricing Level	Level 1:
120	1	2	<=7": \$14.70
125	1	2	>7": \$2.10 per inch
127	1	2	
150	1	2	Level 2:
180	1	-	<=7": \$29.40
200	1	2	>7": \$4.20 per inch
250	1	2	
300	1	-	Level 3:
360	1	-	<=7": \$44.10
500	2	3	>7": \$6.30 per inch

Technical Data, Rev. 06.22.06, June 2006
All information subject to change without notice.