

Specification and pricing of custom E-Case enclosures

Specification:

An E-Case is a box section aluminium extrusion cut to a specific length. There are currently four profiles designated A, B, C and D in increasing order of size. There is a separate datasheet for each profile. The designation of a specific enclosure comprises three letters followed by a number. The first letter will be an **E** to specify a profile in the E-Case range. The second letter will be **A, B, C** or **D** to specify which profile. The third letter has options **S** for silver anodized or **B** for black anodized. The number indicates the cut length in mm. This is actually the length of circuit board that the enclosure will hold, so the length will not be shorter than specified and may be up to 1mm longer. Example:

EBS160 is E-Case B, silver anodized cut to a length not shorter than 160mm and not longer than 161mm.

Customers who wish to place an order must specify their requirements by using order codes. It will not be satisfactory to specify an extrusion and a length.

Custom Lengths:

Lincoln Binns E-Case price list specifies three standard lengths for each size of extrusion. For example E-Case A is available 40mm long (order code EAS40), 80mm long (EAS80) and 120mm long (EAS120). Similarly, standard order codes for E-Case D are EDS80, EDS160 and EDS220.

Pricing for custom length enclosures in 500+ quantity is simply a linear interpolation between the 500+ prices of the two nearest standard sizes in the current price list.

Pricing for custom length enclosures in 100+ quantity is 1.2 x the previously calculated 500+ price.

Pricing for custom length enclosures in 50+ quantity is 1.4 x the previously calculated 500+ price.

Pricing for custom length enclosures in 25+ quantity is 1.8 x the previously calculated 500+ price.

All prices assume delivery as a single batch.

Example:

We wish to calculate a price for 50 x ECS110.

Looking at the 2002 price list we see that ECS80 (500+qty) is £3.24 and that ECS160 (500+qty) is £5.62.

We can calculate that the price increment between ECS80 and ECS 160 is £2.38

ECS 160 is 80mm longer than ECS 80 whereas ECS110 is only 30mm longer than ECS 80, so the price increment for ECS 110 will be $30/80 \times £2.38 = £0.89$

The 500+ price for ECS110 is price for ECS80 + price of increment = $£3.24 + £0.89 = £4.13$

The 50+ price for ECS 110 will be $1.4 \times £4.13 = £5.79$ ea.

Product and data are subject to change without notice. User knows application and must determine fitness for purpose and appropriateness of advice verbal or written. See terms and conditions of sale.

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