

Technical Data Sheet

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Light Duty



British Standard:

BS EN 61537: 2007

Material Specification:

British Standard: BS EN 10346:2015.

Finish:

Pre Galvanised

Medium Duty



Ordering Information:

- Please refer to the following pages or alternatively visit our website below:

<http://www.trenchltd.com>

Product Information:

- Supplied in 3m lengths

Packing Detail:

1 x 3m body

Heavy Duty



Other Options Available:

- Post Galvanised
- Powder Coated
- Cable Tray Cover
- Alternative Width/Height/Material Thickness/Length (<3m)

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Powder Coated

Please ensure that when requesting a quotation for any powder coated products that you have the correct quantities, RAL number and finish (i.e. matt or gloss) in order for us to quote accordingly. Product codes for powder coated items are non-standard, however, dimensions and weights listed in the table on Page 3 are still applicable.

Light Duty Cable Tray Only - Swaged End.

Light Duty Cable Tray does not have a rolled top side, this only applies to Medium and Heavy Duty.
Light Duty Cable Tray lengths have one swaged end to allow male-female connection up to and including 300mm.
Light Duty Cable Tray 450mm and above would require couplers the code is **LDTSC**.

Cut Lengths

Trench Cable Tray lengths are all supplied in 3m as standard, however, we can produce in shorter lengths if required - please contact our internal sales team for more information.

Non Standard Sizes

Sizes shown on page 3 are our standard sizes, however, we can produce other widths/heights/gauges to your requirements - please contact our sales department for more information.

Cable Tray Cover

If you require a cover please use the codes in the chart on page 3 suffixed with **-CVR**. For example if you require a cover for a medium duty 300mm cable tray the correct code would be **MDT300TR-CVR**. Tray Cover is supplied as standard in 3m lengths with a 10mm return.

We recommend 8 cover clips (sold as each) to attach the cover to the tray - these need to be ordered separately they are not supplied with the tray cover. We offer both closed and ventilated versions, all codes are listed below:

Ventilated	Closed	Tray Range
LDT-VCVR-CLIPS	LDT-CVR-CLIPS	Light Duty
MDT-VCVR-CLIPS	MDT-CVR-CLIPS	Medium Duty
HDT-VCVR-CLIPS	HDT-CVR-CLIPS	Heavy Duty



* Number of clips recommended per 3m length of cable tray

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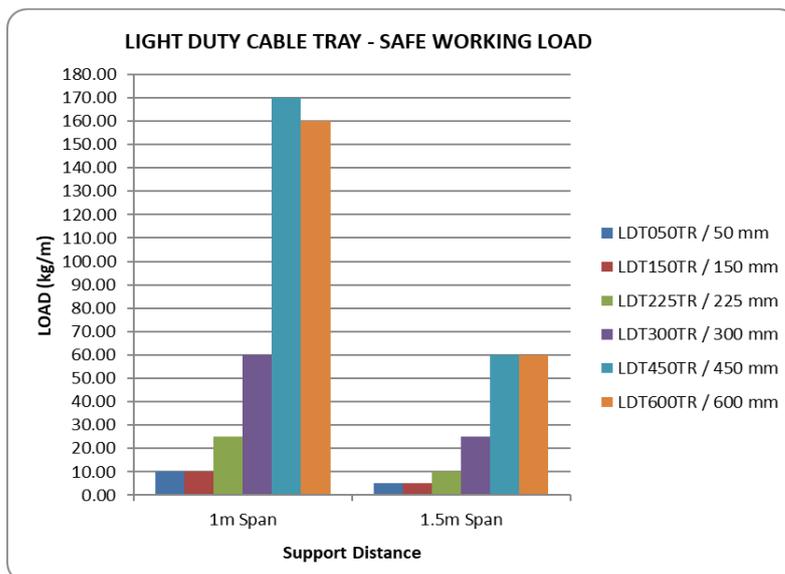
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Product Code	Width (mm)	Height (mm)	Length (m)	Weight (kg) Per 3m
LDT050TR	50	12.5	3	1.39
LDT075TR	75	12.5	3	1.86
LDT100TR	100	12.5	3	2.34
LDT150TR	150	12.5	3	3.29
LDT225TR	225	12.5	3	4.70
LDT300TR	300	20	3	6.56
LDT450TR	450	20	3	11.89
LDT600TR	600	20	3	20.26
MDT050TR	50	25	3	2.34
MDT075TR	75	25	3	2.82
MDT100TR	100	25	3	3.29
MDT150TR	150	25	3	4.24
MDT225TR	225	25	3	5.66
MDT300TR	300	25	3	7.09
MDT450TR	450	25	3	12.63
MDT600TR	600	25	3	21.22
MDT750TR	750	25	3	25.97
MDT900TR	900	25	3	30.71
HDT050TR	50	50	3	3.38
HDT075TR	75	50	3	3.95
HDT100TR	100	50	3	4.33
HDT150TR	150	50	3	5.28
HDT225TR	225	50	3	6.72
HDT300TR	300	50	3	8.14
HDT450TR	450	50	3	18.25
HDT600TR	600	50	3	22.99
HDT750TR	750	50	3	27.73
HDT900TR	900	50	3	43.06
Approximate weights shown are a nominal value due to material thickness and tolerance .				

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- Cable Trays were tested and classified as Type 2
- Recommended tightening torque for couplings is 3.9Nm
- Widths between 50mm and 150mm were not tested as these represent the best and worse mechanical case scenario for those particular sizes as the manufacturing methods and materials are similar
- These are maximum safe loadings and do not allow for any other extra loading or forces such as snow or the effect of wind etc.
- The loadings are given in good faith and are from results from tested components and are dependent on the correct installation of the system and as such Trench Ltd strongly advise that a cable tray system should **NOT** be used as a walkway or supporting feature for climbing apparatus/activity.
- All tests were carried out applying a load of 1.7 times the stated S.W.L.
- Tray widths of 450mm and greater require the use of a fish plate base coupler at each joint (length to length) in addition to the side wrap around couplers to maintain the tray performance as shown in the below loading graphs.



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