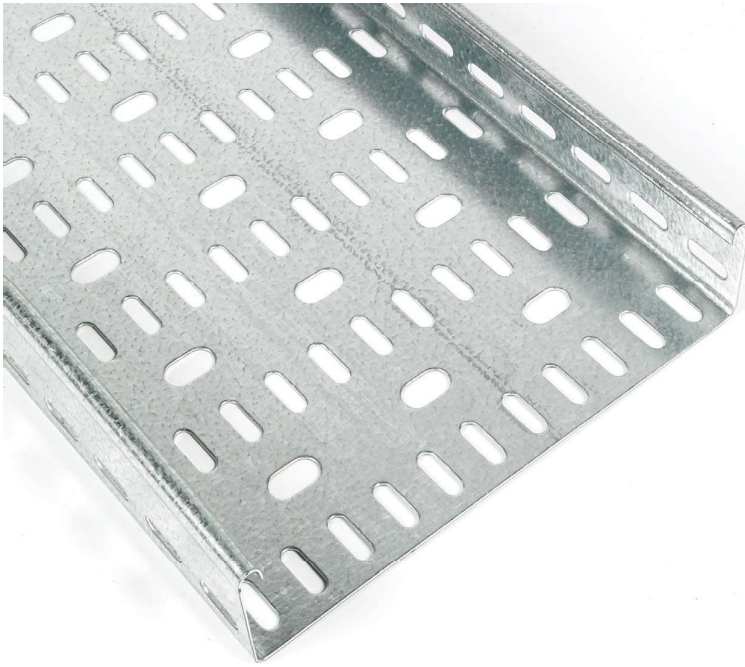


## THE CABLE TRAY RANGE



### Atkore Unistrut Slot Pattern

Traditional Unistrut standard design in use since 1965, synonymous with strength and quality.

The complete range of Atkore Unistrut Cable Tray for use in **Light**, **Medium**, **Heavy** & **Extra Heavy** duty applications. Available in a variety of sizes, the Atkore Unistrut system provides the ultimate in flexibility, quality and speed in installation. Ideal for all your cable applications, from low power control and signalling to mains power supply cabling. With a complete range of fixings and accessories including bends, risers and covers.

### Light Duty (TULL)

Available in 3m lengths with depths of 12mm (50mm wide to 225mm wide) and 18mm (300mm to 900mm wide), in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

### Heavy Duty (TUHLT)

Available in 3m lengths with a depth of 50mm and widths from 50 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

### 150mm Deep Cable Tray (TUXHLT)

Available in 3m lengths with a depth of 150mm and from 100 to 600mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

### Medium Duty (TUMLT)

Available in 3m lengths with a depth of 25mm and widths from 50 to 900mm, in [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel finishes.

### Extra Heavy Duty (TUEHLT)

Available in 3m lengths with a depth of 100mm and from 100 to 900mm widths. Finish applications include [PG] Pre-Galvanised, [HG] Hot-Dip Galvanised and [SS] Stainless Steel.

# ATKORE UNISTRUT CABLE TRAY



## Cable Tray Features:

- Traditional Unistrut slot pattern
- All material is European standard graded
- Widths : 50, 75, 100, 150, 225, 300, 450, 600, 750 and 900mm
- Compatible with Unistrut fittings only
- Stock held in the UK
- An extensive range of dedicated accessories, bracketry and support systems
- Covers available for all sizes

## Standard Material & Finish Codes

Finish	Code
Pre-Galvanised	PG
Hot Dipped Galvanised	HG
Stainless Steel	SS

Other materials and finishes available upon request.

Materials standards and details can be found on page 8.

## Material Standards

Finish	Standard
PG	Pre-Galvanised Steel to BS EN 10346 DX51D Z275-N-A-
HG	Mild Steel to BS EN 10111 - DD11 or BS EN 10139 - DC01
DH	BS EN 10025 S275JO+AR+CL1 or equivalent/better - 2mm thick min. material.
SS	Stainless Steel - Hot Rolled to B.S.EN10088-2-1.4404+1D

Pickle & Passivate is available upon request.

## Icon Key



Including Fitments



Sold as Pair



Sold as Individual

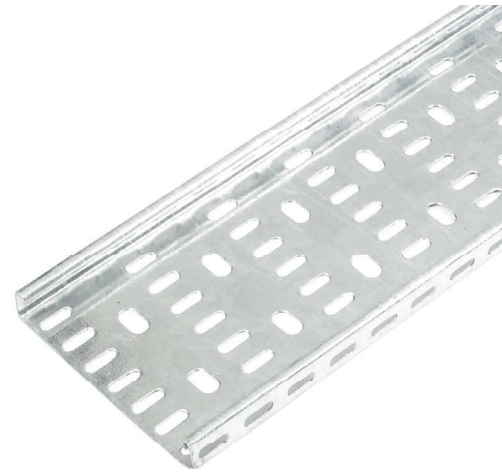
## Medium Duty

### Atkore Unistrut Medium Duty Cable Tray

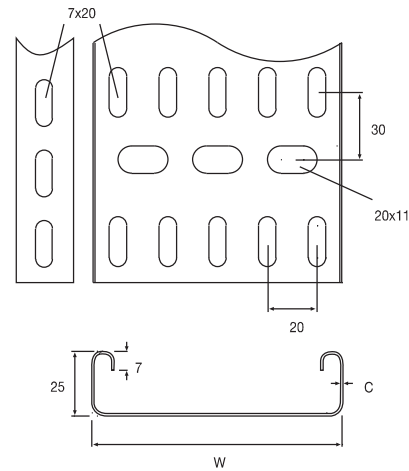
Medium duty steel Cable Tray, robust enough to meet a wide variety of applications but light enough to handle and install with ease and complete with wide range of accessories and fixings to suit, please refer to page 66.



**Sold as Individual**



Available in 3m lengths with widths from 50 to 900mm,



Size (W)	Part No.			W	C	Weight
	PG	HG	SS	mm	mm	kg
50mm x 3m	TUMLT050/10PG	TUMLT050/10HG	TUMLT050/10SS	50	0.80	2.02
75mm x 3m	TUMLT075/10PG	TUMLT075/10HG	TUMLT075/10SS	75	0.80	2.48
100mm x 3m	TUMLT100/10PG	TUMLT100/10HG	TUMLT100/10SS	100	0.80	2.93
150mm x 3m	TUMLT150/10PG	TUMLT150/10HG	TUMLT150/10SS	150	0.80	3.72
225mm x 3m	TUMLT225/10PG	TUMLT225/10HG	TUMLT225/10SS	225	0.80	4.97
300mm x 3m	TUMLT300/15PG	TUMLT300/15HG	TUMLT300/15SS	300	1.20	9.13
450mm x 3m	TUMLT450/15PG	TUMLT450/15HG	TUMLT450/15SS	450	1.20	12.82
600mm x 3m	TUMLT600/15PG	TUMLT600/15HG	TUMLT600/15SS	600	1.20	16.5
750mm x 3m	TUMLT750/20PG	TUMLT750/20HG	TUMLT750/20SS	750	2.00	40.75
900mm x 3m	TUMLT900/20PG	TUMLT900/20HG	TUMLT900/20SS	900	2.00	48.13

# Cable Trays - Information

## Atkore Unistrut Cable Tray Information

### Materials and Finishes

#### Pre-Galvanised [PG]

Cable Trays, brackets and fittings can be Pre-Galvanised. Pre-Galvanising is to BS EN 10346 2009 (Coating Z275).

#### Hot-Dip Galvanised [HG]

Cable Trays, brackets, cantilever arms and fittings can be Hot-Dip Galvanised in accordance with BS EN ISO1461:2009 and chromate passivated.

The minimum average Zinc Coating is as follows:

- Cold rolled from 1.5mm Steel – 55 microns
- Fittings spun galvanised – 45 microns

#### Stainless Steel [SS]

- Stainless Steel 1.4301 (304)
- Stainless Steel 1.4404 (316L)
- Cleaned (Pickled & Passivated)

Applying a pickling process to stainless steel results in a clean product and it also removes any heat discoloration that has occurred in the welding process.

### SPECIAL COATINGS AND MATERIAL GRADES ARE AVAILABLE ON REQUEST

### Certification and Quality Standards

- ISO 9001 - Quality system certification
- ISO 14001 - Environment certification
- ISO45001 - Health and safety certification

### Useful Cross Section - Unistrut Tray

#### Light Duty (L)

Width	Useful cross section
mm	(cm <sup>2</sup> )
50	5.4
75	8.1
100	10.9
150	16.6
225	24.9
300	49.9
450	75.1
600	95.3
750	119.3
900	143.3

#### Medium Duty (M-25)

Width	Useful cross section
mm	(cm <sup>2</sup> )
50	11.4
75	17.4
100	23.5
150	35.6
225	53.7
300	70.4
450	106.1
600	141.8
750	171.1
900	205.6

#### Heavy Duty (H-50)

Width	Useful cross section
mm	(cm <sup>2</sup> )
75	35.8
100	48.1
150	72.7
225	108.2
300	144.8
450	213.6
600	285.6
750	357.6
900	429.6

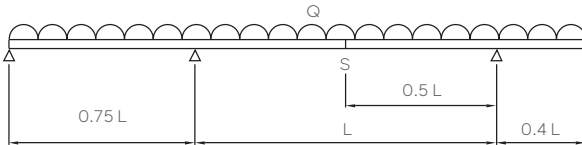
Stated loadings apply to mild steel products only.

Pickle & Passivate is available upon request

## Loading Data

### Atkore Unistrut Cable Tray Brackets

#### Loading Data



Load test according to CEI/IEC 61537:2001

Q = UDL (uniformly distributed load)

Safety Factor = 1.7

L = intermediate span

F = deflection = 1/100 of the intermediate span (max.)

S = splice location

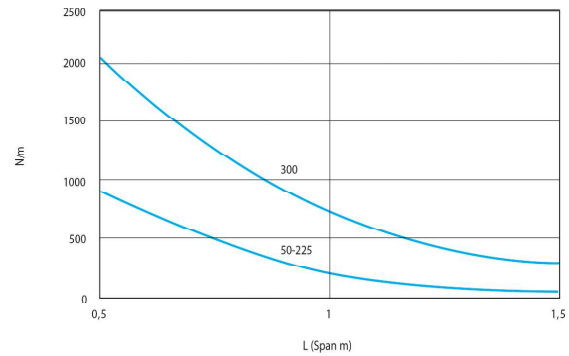
Atkore Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the tray. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

**Deflection:** Atkore Unistrut's load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of Atkore Unistrut Cable Tray limited to span/100 and load figures inclusive of a safety factor of 1.7.

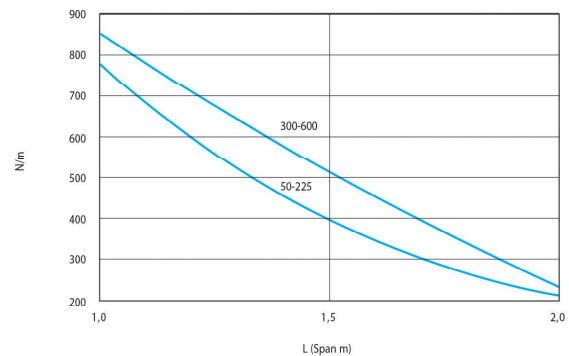
**Accessories:** To ensure adequate support, accessories should be supported locally.

**Couplers:** The loading and deflection tables for Atkore Unistrut Cable Tray assume that the couplers are located at the most onerous position within the span (i.e. mid span). To maintain the load/deflection figures stated in the tables, the couplers should not be located in end spans or over support locations. Straight couplers were utilised for the testing of the medium and heavy duty Cable Trays. Only one pair of couplers should be installed per span.

#### Light Duty Cable Tray



#### Medium Duty Cable Tray



#### Heavy Duty Cable Tray

