UNISTRUT®

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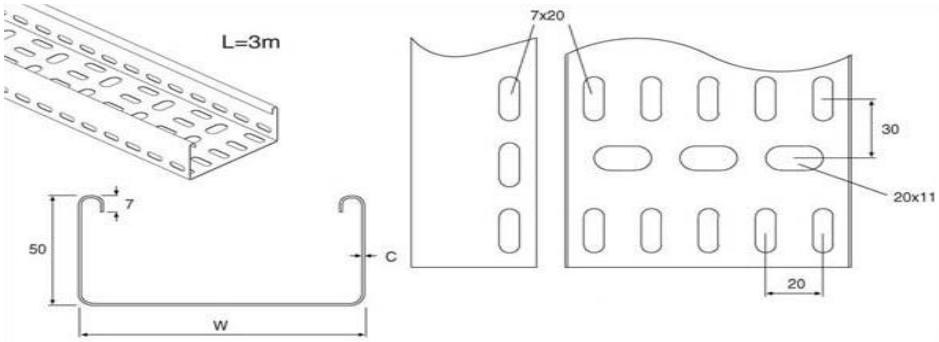
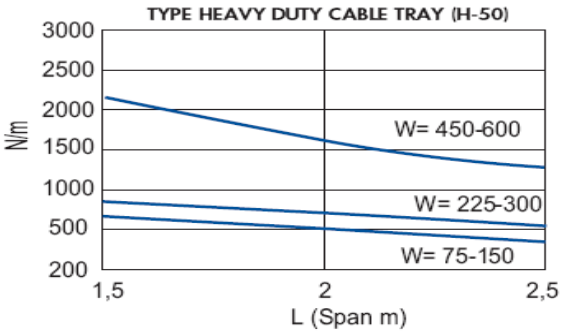
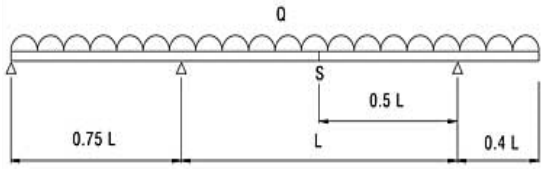
Product Data Sheet

TUHLT Heavy Duty Cable Tray Straights







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

Part No	W Size
TUHLT050/10	50mm
TUHLT075/10	75mm
TUHLT100/10	100mm
TUHLT150/10	150mm
TUHLT225/15	225mm
TUHLT300/15	300mm
TUHLT450/20	450mm
TUHLT600/20	600mm
TUHLT750/20	750mm
TUHLT900/20	900mm

HEAVY DUTY (H-50)	
Width	Cross section area
mm	(cm²)
50	23.5
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

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: Unistrut's load and deflection figures are in accordance with CEI/IEC 61537:2001, with the characteristic deflection of 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 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 utilized for the testing of the medium and heavy duty cable trays. Only one pair of couplers should be installed per span.

Material:

PG	Pre-Galvanised Steel to BS EN 10346 DX51D Z275-N-A-C
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

Finishes:

PG	Pre Galvanised to BS EN 10346 Z275 standard 20µm thickness typical.
HG	Hot Dip Galvanized - to BS EN ISO 1461: to a mean coating thickness (minimum) of 55 µm.
DH	Hot Dip Galvanized - to BS EN ISO 1461: to a mean coating thickness (minimum) of 85 µm. 110 µm available upon request
SS	Self Colour no finish.