

Load test according 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

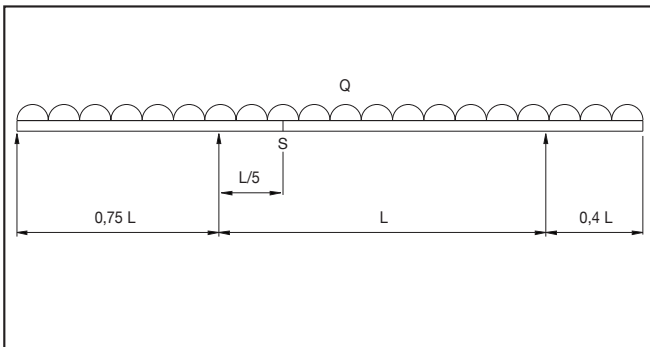
Unistrut's load testing is in accordance with CEI/IEC 61537:2001. In practical terms this covers continuous/multi span installations, evenly loaded along the length of, and across the full width of the basket. The end spans in these installations should be reduced to 0.75 of the intermediate spans.

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

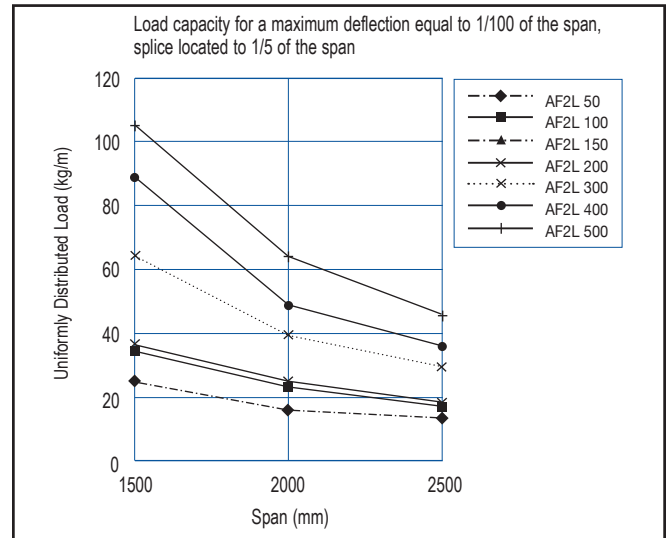
ACCESSORIES: To ensure adequate support, accessories should be supported locally.

COUPLERS: The loading and deflection tables for Unistrut Cable Basket assume that the couplers are located at L/5 as shown on the schematic above.

Couplers should not be located in end spans or over support locations and only one pair of couplers should be installed per span. A factor of 0.7 must be applied to the loading figures when couplers are not positioned at L/5.

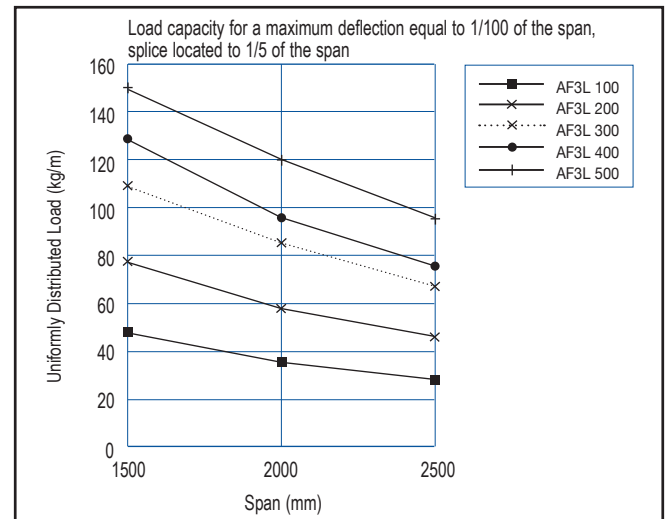


TYPE AF2 BASKET TRAY



Width mm	Useful cross section (cm ²)
50	25.0
100	50.1
150	75.1
200	100.2
300	150.3
400	198.4
450	221.4
500	246.0
600	295.2

TYPE AF3 BASKET TRAY



Width mm	Useful cross section (cm ²)
100	96.1
200	192.2
300	288.3
400	382.4
500	476.0