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.