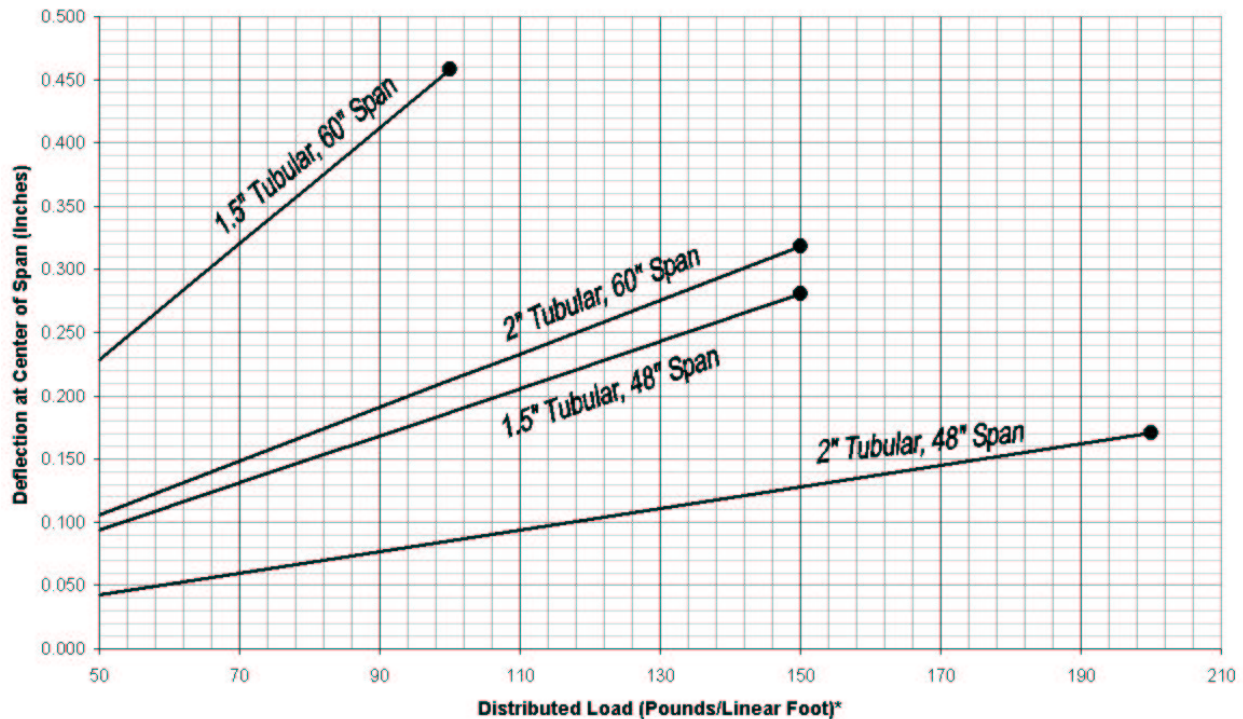


## Channel Type Cable Rack Deflection Chart

Tubular Side Bar, 48" and 60" Spans  
5" to 12" Widths, Figure 002003 (and functional equivalents)



This chart shows the expected deflection of 12" or narrower channel type cable rack spanning 48 or 60 inches. This data has been calculated and verified by testing. The data labels are as follows:

**1.5" Tubular:** Cable rack side bars constructed of 1-1/2" x 3/8" steel tubular channel (.065 wall). Newton Ordering Number 00200321XX is an example (refer to Figure 002003).

**2" Tubular:** Cable rack side bars constructed of 2" x 3/8" steel tubular channel (.065 wall). Newton Ordering Number 00200351XX is an example (refer to Figure 002003).

- - A filled-in black circle at the end of the graph denotes possible cable rack failure if used beyond this marked loading. If your desired installation loading would reach this point on the graph, either decrease your span or use the solid side bar cable rack if not already doing so.

\* - Load must be evenly distributed both along and across the cable rack.

Because of variations in installation practices beyond its control, Newton Instrument Co. makes no claims as to the structural performance of its products. The above data showing actual product strength is made available, but performance rating, application suitability, or projections for other products must be the responsibility of the customer after taking into account their particular installation locations and techniques.