

## Data-Track™ Allowable Unbalanced Load Distribution

### Group 1 - Loads under 25 lbs/ft

	Loading Balance %*
Method 1 - 1/2" all thread rod with hex nuts on top and bottom of tray	65/35
Method 2 - 1/2" all thread rod with CZNH-CD clevis hanger	65/35
Method 3 - 1/2" all thread rod stiffened with B22 and SC228's (pg. 144)	80/20
Method 4 - using CZN-DRS-72 (pg. 144)	100/0

### Group 2 - Loads between 25 lbs/ft and 50 lbs/ft

	Loading Balance %*
Method 1 - 1/2" all thread rod with hex nuts on top and bottom of tray	60/40
Method 2 - 1/2" all thread rod with CZNH-CD clevis hanger	55/45
Method 3 - 1/2" all thread rod stiffened with B22 and SC228's (pg. 144)	65/35
Method 4 - using CZN-DRS-72 (pg. 144)	80/20

Failure was defined as a 6 degree horizontal tilt of the tray. Tests were performed on single sections of tray with a span of 12 ft between supports. Maximum hanger rod length tested was 6 ft. For study results refer to page 171.

\*Defined as percentage of total cable load allowed on one side of the tray.

