

GRID STRAP NETWORK (RAIL SYSTEM)



APPLICATION

PROLINE G2 Grid Straps can be used to create a mounting or support network within the frame. The Grid Straps are furnished in pairs and available in three designs: full-height vertical, horizontal with mounting brackets, and single-piece horizontal with integrated tabs. Horizontal Grid Straps can be mounted front-to-back between frame verticals (depth-mounted), side-to-side between frame verticals or depth-mounted Grid Straps (width-mounted), or even vertically between Grid Straps. Vertical Grid Straps are used to span the full height of an enclosure.

FEATURES

- Quick installation of grid strap(s) using the patent pending front-load BV-M6 fastener (Blind, Variable M6 screw based fastener), which is an innovative alternative to cage nuts or self-tapping screws

SPECIFICATIONS

- Grid Straps constructed from 14 gauge (1.75 mm) plated steel
- Mounting hole pattern is 25-mm on center, alternating round and rectangular holes to accommodate various hardware: rectangular holes accept BV-M6 fasteners or front-loading cage nuts
- Horizontal grid straps are offered in both 1-row and 3-row configurations
- Width-mounting Grid Straps requires an increase in length of 100mm over the nominal frame width (i.e. 600mm wide enclosure requires 700mm grid strap)

Horizontal, Bracket-Mount Grid Straps

- Mounting brackets are installed using a single BV-M6 (or front-loading cage nut) per bracket
- Grid Strap hooks onto the mounted brackets, and snaps into place for easy installation
- This design Grid Strap can be mounted vertically between other Grid Straps, as the assembly is on a single plane

Horizontal, Tab-Mount, Single-Piece Grid Straps

- Grid Strap is constructed from a single piece, with a jogged tab that allows the Grid Strap to sit flush with the frame
- 1-row Grid Straps attach with a single BV-M6 through each tabbed end, while 3-row Grid Straps attach with two BV-M6's through each tabbed end
- This design Grid Strap should not be used when mounting vertically between other Grid Straps, as the jogged tab introduces a second plane which may interfere with cover installation on the sides

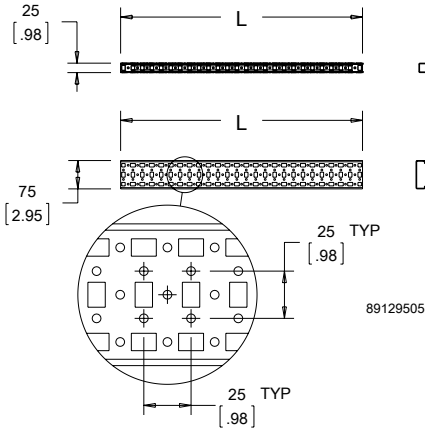
ACCESSORIES

- Center Upright
- BV-M6 Fastener Package
- PROLINE G2 Fastener Packages

BULLETIN: P40

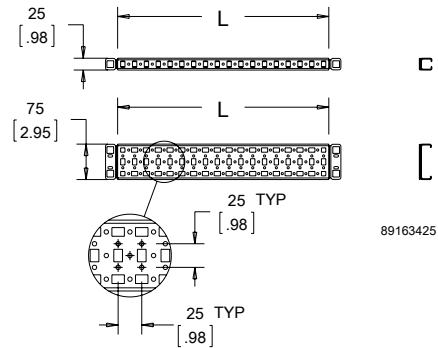
Standard Product
Horizontal, Bracket-Mount Grid Straps

| Catalog Number | L (mm) | L (in.) | Description | Fits Frame Width (mm) | Fits Frame Depth (mm) |
|----------------|--------|---------|-------------|-----------------------|-----------------------|
| P2G1R4 | 240 | 9.4 | 1-Row | --- | 400 |
| P2G1R5 | 340 | 13.4 | 1-Row | 400 | 500 |
| P2G1R6 | 440 | 17.3 | 1-Row | 500 | 600 |
| P2G1R7 | 540 | 21.3 | 1-Row | 600 | --- |
| P2G1R8 | 640 | 25.2 | 1-Row | --- | 800 |
| P2G1R9 | 740 | 29.1 | 1-Row | 800 | --- |
| P2G1R10 | 840 | 33.1 | 1-Row | --- | 1000 |
| P2G1R11 | 940 | 37.0 | 1-Row | 1000 | --- |
| P2G1R13 | 1140 | 44.9 | 1-Row | 1200 | --- |
| P2G1R15 | 1340 | 52.8 | 1-Row | 1400 | --- |
| P2G1R17 | 1540 | 60.6 | 1-Row | 1600 | --- |
| P2G1R19 | 1740 | 68.5 | 1-Row | 1800 | --- |
| P2G3R4 | 240 | 9.4 | 3-Row | --- | 400 |
| P2G3R5 | 340 | 13.4 | 3-Row | 400 | 500 |
| P2G3R6 | 440 | 17.3 | 3-Row | 500 | 600 |
| P2G3R7 | 540 | 21.3 | 3-Row | 600 | --- |
| P2G3R8 | 640 | 25.2 | 3-Row | --- | 800 |
| P2G3R9 | 740 | 29.1 | 3-Row | 800 | --- |
| P2G3R10 | 840 | 33.1 | 3-Row | --- | 1000 |
| P2G3R11 | 940 | 37.0 | 3-Row | 1000 | --- |
| P2G3R13 | 1140 | 44.9 | 3-Row | 1200 | --- |
| P2G3R15 | 1340 | 52.8 | 3-Row | 1400 | --- |
| P2G3R17 | 1540 | 60.6 | 3-Row | 1600 | --- |
| P2G3R19 | 1740 | 68.5 | 3-Row | 1800 | --- |



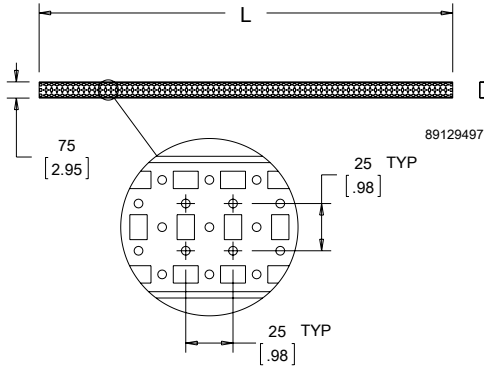
Standard Product Horizontal, Tab-Mount Grid Straps

| Catalog Number | L (mm) | L (in.) | Description | Fits Frame Width (mm) | Fits Frame Depth (mm) |
|----------------|--------|---------|-------------|-----------------------|-----------------------|
| P2G1RT4 | 247 | 9.7 | 1-Row | - | 400 |
| P2G1RT5 | 347 | 13.7 | 1-Row | 400 | 500 |
| P2G1RT6 | 447 | 17.6 | 1-Row | - | 600 |
| P2G1RT7 | 547 | 21.5 | 1-Row | 600 | - |
| P2G1RT8 | 647 | 25.5 | 1-Row | - | 800 |
| P2G1RT9 | 747 | 29.4 | 1-Row | 800 | - |
| P2G1RT10 | 847 | 33.3 | 1-Row | - | 1000 |
| P2G3RT4 | 247 | 9.7 | 3-Row | - | 400 |
| P2G3RT5 | 347 | 13.7 | 3-Row | 400 | 500 |
| P2G3RT6 | 447 | 17.6 | 3-Row | - | 600 |
| P2G3RT7 | 547 | 21.5 | 3-Row | 600 | - |
| P2G3RT8 | 647 | 25.5 | 3-Row | - | 800 |
| P2G3RT9 | 747 | 29.4 | 3-Row | 800 | - |
| P2G3RT10 | 847 | 33.3 | 3-Row | - | 1000 |



Standard Product
 Vertical, Bracket-Mount Grid Straps

| Catalog Number | L (mm) | L (in.) | Fits Frame (mm) Height |
|----------------|--------|---------|------------------------|
| P2GV3R6 | 515 | 20.3 | 600 |
| P2GV3R8 | 715 | 28.1 | 800 |
| P2GV3R10 | 915 | 36.0 | 1000 |
| P2GV3R12 | 1115 | 43.9 | 1200 |
| P2GV3R14 | 1315 | 51.8 | 1400 |
| P2GV3R16 | 1515 | 59.6 | 1600 |
| P2GV3R18 | 1715 | 67.5 | 1800 |
| P2GV3R20 | 1915 | 75.4 | 2000 |
| P2GV3R22 | 2115 | 83.3 | 2200 |



| Model | Component | Type | Length | Catalog Number |
|------------|-------------------|--|--|--|
| P2 | G | 3R | 7 | = P2G3R7 |
| PROLINE G2 | Grid Accessory | 1R = 1 Row 3R = 3 Row AR = Adjustable Rack Mounting Rails | mm 22 = 2200 21 = 2100 20 = 2000 19 = 1900 18 = 1800 17 = 1700 16 = 1600 15 = 1500 14 = 1400 12 = 1200 | mm 13 = 1300 12 = 1200 11 = 1100 10 = 1000 9 = 900 8 = 800 7 = 700 6 = 600 5 = 500 4 = 400 |

NOTE: Not every combination is available as a standard product.