

specifications

The modular, underfloor cable wire basket system shall be designed to route data and power cables beneath raised floors. Components shall accommodate 24" x 24" and 600mm x 600mm raised floor grid. The wire basket sections shall be provided in two widths: 21" (530mm) wide and 12" (305mm) wide. The 21" (530mm) wide basket shall be centered between the raised floor pedestals. The 12" (305mm) wide basket shall offer an option that centers the wire basket between the pedestals and an option that positions the wire basket next to the pedestals.



Two depths shall be provided for each width: 4" (100mm) and 6" (150mm). Two lengths shall be provided: 24" (600mm) and 48" (1200mm).

The pedestal bracket shall form a mechanical bond to the raised floor pedestal and wire basket sections ensuring electrical continuity throughout the system. It shall provide a low impedance path to ground once connected to the mesh common bond network. The pedestal bracket shall attach to both 7/8" (22mm) square and 1" (25mm) diameter raised floor pedestals.

A universal intersection fitting shall provide a method of creating horizontal turns and intersections. Adjustable level change components shall allow up to 12" (305mm) vertical level change within a single floor tile space. Snap-in bend radius control sidewalls shall provide 1.5" (38mm) bend radius control. All wire basket sections shall be installed in a drop-in fashion, requiring no cutting during installation.

technical information

| | |
|-------------------|---|
| Material: | Pre-galvanized steel wire and pre-galvanized CRS RoHS compliant |
| Approvals: | UL classified as an equipment grounding conductor NEMA VE-1/CSA 22.2 |

key features and benefits

| | |
|--|---|
| All rounded edges on wire basket | Protects cables from damage during installation improving network reliability and minimizing risk of injury |
| Drop-in wire basket section | Allows fast installation without removing stringers or cutting sections reducing installation cost |
| Robust wire basket construction | Supports greater loads and holds up to use over time providing lower cost of ownership |
| Unique pedestal bracket | Allows fast installation to raised floor pedestal (both round and square tube) with the use of a single tool and a single captured fastener; integral bonding feature bonds the bracket to the pedestal reducing installation costs |
| Rotating mounting bracket support plate | Allows pedestal bracket to easily adapt to pedestals that are rotated at various angles speeding installation |
| Universal intersection | Allows directional changes without cutting or bending, speeding installation; reduces number of required components |
| Snap-in bend radius side walls | Protects cables and easily attaches to the wire basket pathway |
| Universal level change | Used for vertical rises and descents, eliminating the need to field fabricate level changes |
| Pre-galvanized finish | Does not promote the growth of zinc whiskers |

applications

The GRIDRUNNER™ Underfloor Cable Pathway System is designed to route and manage copper data cables, fiber optic trunk cables, and power cables beneath a raised floor grid within data centers and service provider facilities. It is optimized to support multi-strand backbone fiber optic cables, commonly used to connect the core switches within the Main Distribution Area (MDA) to multiple edge switches in the Horizontal Distribution Areas (HDA).

It also provides a pathway for copper data cables typically used to connect the patch panels within the Horizontal Distribution Areas (HDA) to the patch panels within Equipment Distribution Area (EDA). It has been designed to support both types of cables within a TIA-942 compliant data center. Innovative features provide quick, easy assembly for reduced installation costs and faster deployment.

21" Wide Wire Basket Sections

| | |
|--------------------|-------------|
| 21"W x 6"D x 24"L: | GR21X6X24PG |
| 21"W x 6"D x 48"L: | GR21X6X48PG |
| 21"W x 4"D x 24"L: | GR21X4X24PG |
| 21"W x 4"D x 48"L: | GR21X4X48PG |

12" Wide Wire Basket Sections

| | |
|--------------------|-------------|
| 12"W x 6"D x 24"L: | GR12X6X24PG |
| 12"W x 6"D x 48"L: | GR12X6X48PG |
| 12"W x 4"D x 24"L: | GR12X4X24PG |
| 12"W x 4"D x 48"L: | GR12X4X48PG |

12" Wide Offset Wire Basket Sections

| | |
|--------------------|---------------|
| 12"W x 6"D x 24"L: | GR12X6X24OSPG |
| 12"W x 6"D x 48"L: | GR12X6X48OSPG |
| 12"W x 4"D x 24"L: | GR12X4X24OSPG |
| 12"W x 4"D x 48"L: | GR12X4X48OSPG |

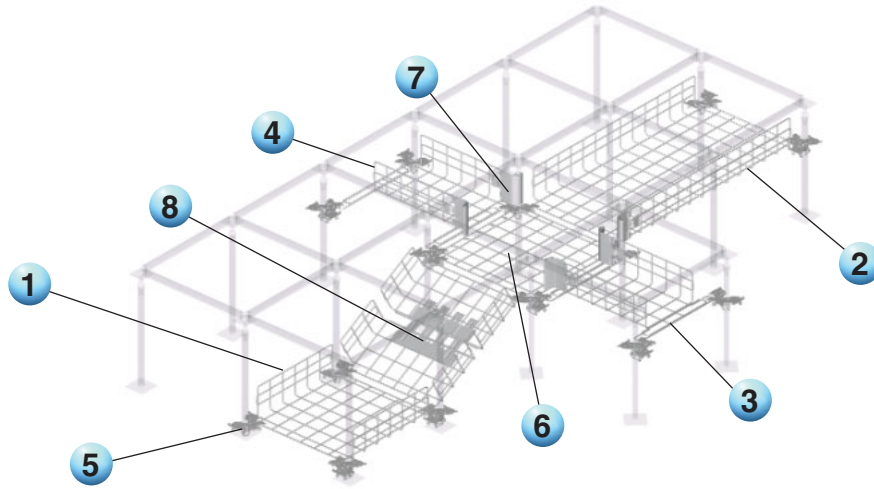
Pedestal Bracket

| | |
|--------------------------|--------------|
| Pedestal bracket: | GRPBPG |
| Pedestal clamp: | GRCLAMP PG-X |

Accessories

| | |
|---|------------|
| Universal Intersection: | GRFWC21PG |
| Bend radius control corner for 6" wire basket: | GRBRC6PG |
| Bend radius control corner for 4" wire basket: | GRBRC4PG |
| Level change section 21"W x 6"D: | GRLC21X6PG |
| Level change section 21"W x 4"D: | GRLC21X4PG |

GRIDRUNNER™ Underfloor Cable Routing System



Wire Basket Sections

- 1** 21" Wide x 24" Long Wire Basket Section
6" Depth: GR21X6X24PG
4" Depth: GR21X4X24PG (not shown)
- 2** 21" Wide x 48" Long Wire Basket Section
6" Depth: GR21X6X48PG
4" Depth: GR21X4X48PG (not shown)
- 3** 12" Wide x 24" Long Wire Basket Section
6" Depth: GR12X6X24PG
4" Depth: GR12X4X24PG (not shown)

12" Wide x 48" Long Wire Basket Section
6" Depth: GR12X6X48PG (not shown)
4" Depth: GR12X4X48PG (not shown)
- 4** 12" Wide x 24" Long Offset Wire Basket Section
6" Depth: GR12X6X24OSPG
4" Depth: GR12X4X24OSPG (not shown)

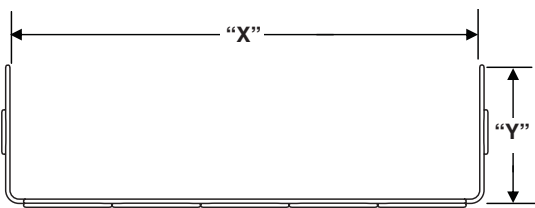
12" Wide x 48" Long Offset Wire Basket Section
6" Depth: GR12X6X48OSPG (not shown)
4" Depth: GR12X4X48OSPG (not shown)

Pedestal Bracket



Accessories

- 5** Pedestal Bracket
GRPBPG
- 6** Universal Intersection
GRFWC21PG
- 7** Bend Radius Control Corner
6" High: GRBRC6PG
4" High: GRBRC4PG (not shown)
- 8** 21" Wide Level Change Section
6" Depth: GRLC21X6PG
4" Depth: GRLC21X4PG (not shown)



| "X" | "Y" | Internal Area | 23 AWG* Category 6A | Category 6 | Fiber Optic |
|------|-----|------------------------|--------------------------|--------------------------|--|
| | | | Diameter 8.38mm .330" | Diameter 6.35mm .250" | Distribution Cable Diameter 12.7mm .500" |
| | | | 50% Fill | 50% Fill | 50% Fill |
| 12.0 | 4.0 | 48.0 in. ² | 281 | 489 | 122 |
| 12.0 | 6.0 | 72.0 in. ² | 421 | 733 | 183 |
| 21.7 | 4.0 | 86.8 in. ² | 508 | 885 | 221 |
| 21.7 | 6.0 | 130.3 in. ² | 762 | 1327 | 332 |

*AWG dimensions represent typical outer cable diameter.

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