

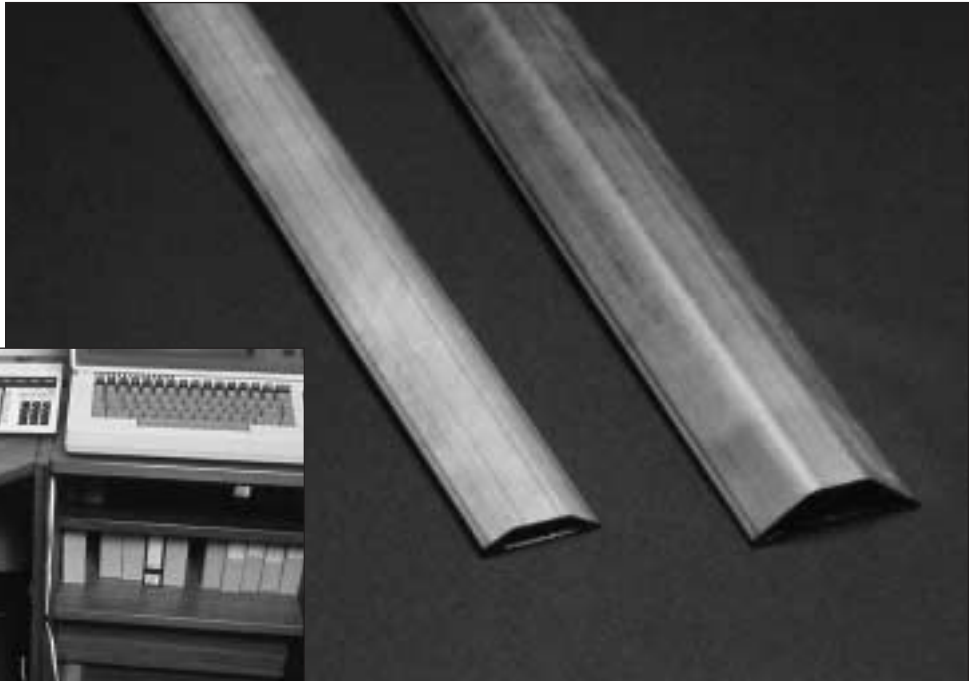
WIREMOLD



Pancake® Overfloor Steel Raceway

1500, 2600 Overfloor Raceway

deal for open space wiring of workstations and desk areas in high traffic sites. Steel Pancake raceway mounts directly to the floor and provides safe load bearing strength for normal office use. Both raceways offer a full complement of fittings and device boxes for power and communication wiring. Steel Pancake raceway comes unpainted with a paintable galvanized finish.

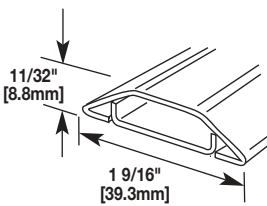


1500 and 2600 Overfloor Raceway provide solutions for bringing power or voice/data to open space design.

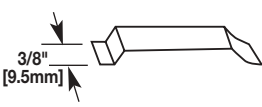
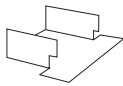
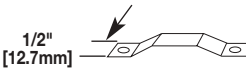
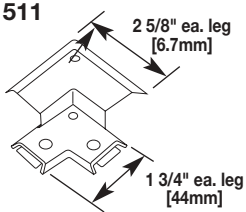
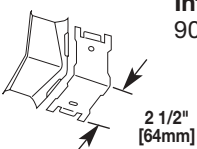
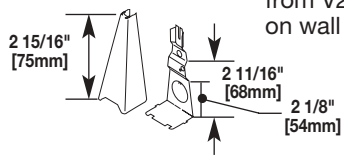
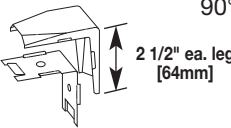
Features & Benefits

- **Installs in open space areas.** Brings power or telephone and signal wiring to away-from-wall locations.
- **Flat profile.** Unobtrusive, low-profile appearance.
- **Galvanized steel.** Assures durability.
- **2600 Series withstands approximately 150 lbs./sq in.** Provides safe load bearing strength for normal office traffic.
- **1500 Series withstands approximately 200 lbs./sq in.** Provides safe load strength for normal office traffic.
- **Full line of fittings.** Provides a complete and safe installation.
- **Unpainted.** Paintable to match decor.
- **UL Listed and CSA certified.** File E4376 Guide RJBT fittings. File 41751 Guide RJPR. CSA File 350.
- **UL5.** Raceway is compliant with UL5 specifications.

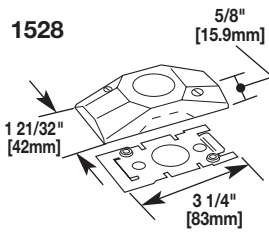
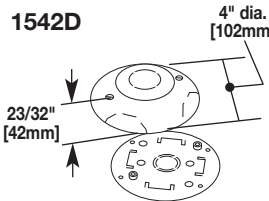
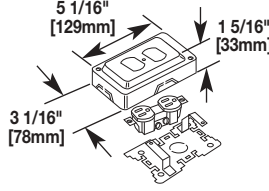
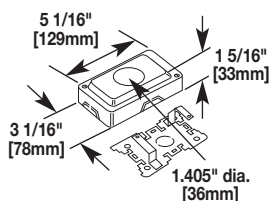
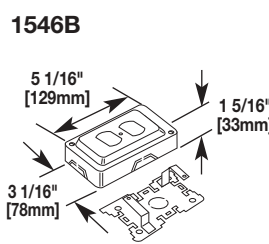
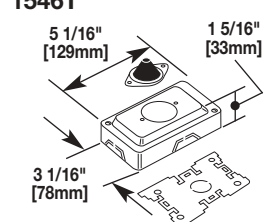
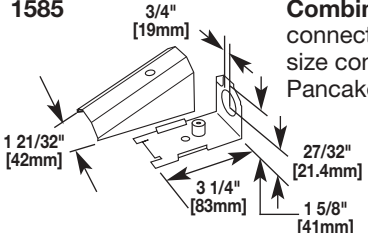
1500 Base and Cover

| Catalog No./Item | Description/Specifications |
|------------------|--|
| 1500 | <p>Base and Cover – .040" [1mm] galvanized steel. Packed ten 10 ft. lengths per carton. Base has 9/32" [7.1mm] mounting holes on 8" [203mm] centers. Also available in 5 ft. [1.525m] length, packed ten 5 ft. [1.525m] lengths per carton. Specify 1500-5 for 5 ft. [1.525m] and 1500-10 for 10 ft. [3.050m] sections.</p>  |

1500 Overfloor Raceway Fittings

| Catalog No./Item | Description/Specifications |
|------------------|--|
| 1500WC | <p>Wire Clip – For holding conductors in place. Not UL Listed.</p>  |
| 1502 | <p>Fiber Bushing – Protects wires from abrasion. Slips into open end of 1500 where it enters a fitting.</p>  |
| 1504 | <p>Strap – Two-hole strap. Use to fasten 1500 to surfaces at any point desired.</p>  |
| 1511 | <p>90° Flat Elbow – For right angle turns on the same surface.</p>  |
| 1517 | <p>Internal Elbow – For internal 90° corners.</p>  |
| V1517B | <p>Adapter Fitting – To feed to or from V200, V500, or V700 raceway on wall to 1500 on floor.</p>  |
| 1518 | <p>External Elbow – For external 90° corners.</p>  |

1500 Overfloor Raceway Fittings

| Catalog No./Item | Description/Specifications |
|------------------|---|
| 1528 | <p>Utility Box – Base and cover each have 1/2" [12.7mm] trade size KO. May be used as a cross, tee, straight through, or to terminate run. Two 1500WC wire clips included.</p>  |
| 1542D | <p>Junction Box – May be used as a cross, tee, or elbow. Cover has 1/2" [12.7mm] and 3/4" [19mm] trade size concentric KOs. Two 1500WC wire clips included.</p>  |
| 1543GL | <p>Grounding Duplex – Cover has 1500 and 2600 twistouts on all four sides. Base has 1/2" [12.7mm], 3/4" [19.1mm] trade size concentric KOs. Two 1500WC Wire Clips included. Gray finish.</p>  |
| 1546A | <p>Single Receptacle Box – Accommodates commercially available straight blade and locking single receptacles with face diameters of 1.38-1.40" [34.5-35mm]. Base has 1/2" [12.7mm] and 3/4" [19mm] trade size concentric KOs. Cover has 1500 and 2600 twistouts on all four sides. Two 1500WC wire clips included.</p>  |
| 1546B | <p>Duplex Receptacle Box – Accommodates commercially available 15A or 20A duplex receptacles. Base has 1/2" [12.7mm] and 3/4" [19mm] concentric trade size KOs. Cover has 1500 and 2600 twistouts on all four sides. Two 1500WC wire clips included. Side wiring recommended.</p>  |
| 1546T | <p>Telephone Outlet Box – Furnished with 1/2" [12.7mm] rubber stem. Accepts modular connecting blocks within the fitting. Cover has 1500 and 2600 twistouts on both ends and both sides. Two 1500WC wire clips included. Not UL Listed.</p>  |
| 1585 | <p>Combination Connector – For connecting 1/2" [12.7mm] trade size conduit or armored cable to Pancake 1500.</p>  |

1500 Raceway Wire Fill Capacities for Power

| | WIRE SIZE THHN/THWN | O.D. | | 40% FILL |
|--------------|------------------------|--------|-------|----------|
| | | inches | [mm] | |
| POWER WIRING | 8 AWG | 0.218 | [5.5] | 2 |
| | 10 AWG | 0.153 | [3.9] | 5 |
| | 12 AWG | 0.122 | [3.1] | 8 |
| | 14 AWG | 0.105 | [2.7] | 10 |

1500 Raceway Wire Fill Capacities for Communications

| | CABLE/WIRE SIZE | O.D. | | 20% FILL | 40% FILL |
|-------------------------|---|--------|--------|----------|----------|
| | | inches | [mm] | | |
| UNSHIELDED TWISTED PAIR | 4-Pair, 24 AWG Cat 5 UTP | 0.210 | [5.3] | 1 | 2 |
| | 4-Pair, 24 AWG Cat 3 UTP | 0.190 | [4.8] | 1 | 3 |
| TELEPHONE | 2-Pair, 24 AWG | 0.150 | [3.8] | 3 | 6 |
| | 3-Pair, 24 AWG | 0.160 | [4.1] | 2 | 5 |
| | 4-Pair, 24 AWG | 0.190 | [4.8] | 1 | 3 |
| | 25-Pair, 24 AWG | 0.360 | [9.1] | 0 | 0 |
| COAXIAL | RG58/U | 0.195 | [5.0] | 1 | 3 |
| | RG59/U | 0.242 | [6.1] | 1 | 2 |
| | RG62/U | 0.242 | [6.1] | 1 | 2 |
| | RG6/U | 0.270 | [6.9] | 0 | 1 |
| TWINAXIAL | 100 Ohm | 0.330 | [8.4] | 0 | 1 |
| SHIELD TWISTED PAIR | Type 1 | 0.390 | [9.9] | 0 | 0 |
| | Type 2 | 0.465 | [11.8] | 0 | 0 |
| | Type 3 | 0.245 | [6.2] | 0 | 2 |
| FIBER OPTIC | Two Stranded (Duplex) Multimode, 62.5/125 µm | 0.190 | [4.8] | 1 | 3 |

2600 Raceway Wire Fill Capacities for Power

| | WIRE SIZE THHN/THWN | O.D. | | 40% FILL |
|--------------|------------------------|--------|-------|----------|
| | | inches | [mm] | |
| POWER WIRING | 8 AWG | 0.218 | [5.5] | 8 |
| | 10 AWG | 0.153 | [3.9] | 16 |
| | 12 AWG | 0.122 | [3.1] | 25 |
| | 14 AWG | 0.105 | [2.7] | 33 |

2600 Raceway Wire Fill Capacities for Communications

| | CABLE/WIRE SIZE | O.D. | | 20% FILL | 40% FILL |
|-------------------------|---|--------|--------|----------|----------|
| | | inches | [mm] | | |
| UNSHIELDED TWISTED PAIR | 4-Pair, 24 AWG Cat 5 UTP | 0.210 | [5.6] | 3 | 7 |
| | 4-Pair, 24 AWG Cat 3 UTP | 0.190 | [4.8] | 5 | 10 |
| TELEPHONE | 2-Pair, 24 AWG | 0.150 | [3.3] | 9 | 18 |
| | 3-Pair, 24 AWG | 0.160 | [4.1] | 8 | 16 |
| | 4-Pair, 24 AWG | 0.190 | [4.8] | 5 | 10 |
| | 25-Pair, 24 AWG | 0.360 | [9.1] | 1 | 2 |
| COAXIAL | RG58/U | 0.195 | [5.0] | 4 | 9 |
| | RG59/U | 0.242 | [6.1] | 3 | 6 |
| | RG62/U | 0.242 | [6.1] | 3 | 6 |
| | RG6/U | 0.270 | [6.9] | 2 | 5 |
| TWINAXIAL | 100 Ohm | 0.330 | [8.4] | 1 | 3 |
| SHIELD TWISTED PAIR | Type 1 | 0.390 | [9.9] | 1 | 2 |
| | Type 2 | 0.465 | [11.8] | 0 | 1 |
| | Type 3 | 0.245 | [6.2] | 3 | 6 |
| FIBER OPTIC | Two Stranded (Duplex) Multimode, 62.5/125 µm | 0.190 | [4.8] | 5 | 10 |

*20% cable fill is calculated to approximate reduction in cable capacity due to connectors mounted within raceway and fittings that may restrict cross sectional area.

**40% cable fill is the maximum designed cable fill based on a proposed revision to TIA/EIA 569-A.

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