

# LANTrak™

## Nonmetallic Latching Raceway System

# HUBBELL

## Wiring Products



Hubbell Wiring Products introduces LANTrak™, a non-metallic surface raceway system specifically designed to accommodate cabling installation requirements for today as well as the future. The primary feature is the cover attached to the base that has a soft living hinge. When closed, it double-latches at the top and bottom providing a tight, tamper-resistant closure. It moves easily out of the way during mounting, and then snaps shut.

LANTrak™ latching raceway is designed for power or communication applications requiring more wiring capacity than standard small capacity raceway or latching duct products. LANTrak™ accommodating both electrical or communications cabling allows for a multitude of media connections such as data, voice, video, CATV and electrical cabling up to 600V. It is the perfect solution for providing drops in commercial and office environments.

For the installer, this raceway is available with and without adhesive. LANTrak™ is easy to assemble and mount and it allows space for future additions. All boxes and fittings with bases are also available with adhesive strips. Each have 16" centre marks on the raceway profiles to quickly position properly.

LANTrak™ is the ultimate solution when cables are routed in schools, conference centres and office buildings.


### FEATURES

- Single-piece, double-latching raceway
- Corner fittings at 1 1/4" minimum bend radius
- Rated for use up to 600 Volts
- UL Listed, CSA Certified
- Full range of boxes

### BENEFITS

- Fast and easy installation, tamper-resistant
- Exceeds cable bend requirements
- Suitable for power or data applications
- Meets code requirements
- One and two gang boxes available

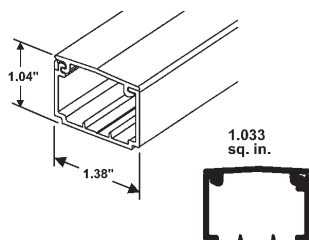
### LANTrak WIRE FILL CAPACITIES

| <br>A = 1.03in <sup>2</sup><br>Channel | Power Circuits   |       |       | Telephone             |      |                        |      | Data<br>(Copper Products) |      |                           |      |                           |      | Data<br>(62.5/125um Multimode Fiber Optic Cable) |      |                                       |      |  |      |
|---|------------------|-------|-------|-----------------------|------|------------------------|------|---------------------------|------|---------------------------|------|---------------------------|------|--|------|---------------------------------------|------|--|------|
|   | (THHN/T90 Nylon) |       |       | 4-Pair<br>(.190 O.D.) |      | 25-Pair<br>(.500 O.D.) |      | Type RG59U<br>(.242 O.D.) |      | Category 5<br>(.215 O.D.) |      | Category 6<br>(.250 O.D.) |      | (2) or (4) Fiber<br>Round Cable<br>(.190 O.D.)   |      | Fiber Optic<br>Jumpers<br>(.118 O.D.) |      | Fiber Optic<br>Zip Cord<br>(.12 x.26 O.D.) |      |
|   | 14AWG            | 12AWG | 10AWG | 40%                   | 100% | 40%                    | 100% | 40%                       | 100% | 40%                       | 100% | 40%                       | 100% | 40%  | 100% | 40%                                   | 100% | 40%  | 100% |
| LANTrak™  | 42               | 34    | 22    | 14                    | 36   | 2                      | 5    | 9                         | 22   | 11                        | 28   | 8                         | 21   | 14   | 36   | 37                                    | 94   | 16   | 40   |

NOTE: 1. 40% capacity is the maximum recommended by EIA/TIA-569-A for designing new communication cabling systems. 60% is allowed for additions.  
 2. Power wire fill is based on NEC requirements for allowed heat rise.

### SPECIFICATIONS

Dimensions




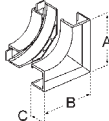

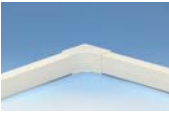
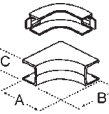

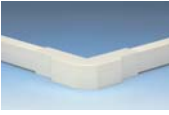
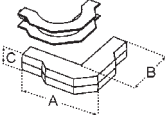


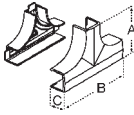




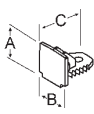

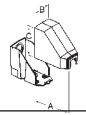

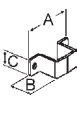

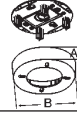

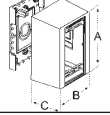

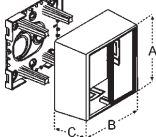
- Material: U.V. Stabilized PVC
- Dimensions (closed): 1.38"W x 1.04"H x 7'L
- UL Rated for use up to 600 Volts
- Flammability: UL 94-V-0 Self-extinguishing. Secondary source required for combustion
- Listings:
  - UL Listed E143298 (300 lbs. crush resistance and 5 ft./lbs. impact resistance)
  - UL E143309/conforms to NEC352B
  - CSA certified LR87514
- Operating temperature range: -25°F to 158°F



## LANTrak - ORDERING INFORMATION

| Description       | Catalog Number | Description                     | Catalog Number |
|-------------------|----------------|---------------------------------|----------------|
| LANTrak 7' length | <b>PL1BC7</b>  | LANTrak 7' length with adhesive | <b>PL1ABC7</b> |
| LANTrak 5' length | <b>PL1BC5</b>  | LANTrak 5' length with adhesive | <b>PL1ABC5</b> |

## RACEWAY FITTINGS

| Description  | Catalog No.      | Dimensions  | A    | B    | C    |
|--|------------------|---|------|------|------|
|  Flat Elbow, cover only                | <b>PL1FE</b>     |    | 3.19 | 3.19 | 1.11 |
|  Flat Elbow, base and cover            | <b>PL1FEBC</b>   |   |      |      |      |
|  Internal Elbow, cover only            | <b>PL1IE</b>     |    | 2.51 | 2.51 | 1.57 |
|  Internal Elbow, base and cover        | <b>PL1IEBC</b>   |   |      |      |      |
|  External Elbow, cover only            | <b>PL1EE</b>     |    | 5.06 | 4.20 | 1.57 |
|  External Elbow, base and cover        | <b>PL1EEBC</b>   |   |      |      |      |
|  Tee cover only                        | <b>PL1TC</b>     |    | 3.15 | 4.75 | 1.11 |
|  Tee base and cover                    | <b>PL1TCBC</b>   |   |      |      |      |
|  Splice Cover                          | <b>PL1SC</b>     |    | 1.55 | 1.12 | 1.11 |
|  End Cap (Mounting hole 0.19")  | <b>PL1EC</b>     |   | 1.04 | 1.39 | 1.00 |
|  Conduit Adapter/<br>Ceiling fitting | <b>PLP1CACF</b>  |  | 3.90 | 2.21 | 3.31 |
| Knockouts - End &<br>Base: 6, 1/2" thru 1"   |                  |   |      |      |      |
|  Security Strap/Splice<br>Cover      | <b>PL1SS</b>     |  | 2.63 | 1.12 | 0.62 |
| (2 thru holes 0.19")   |                  |   |      |      |      |
|  Light Fixture Box                   | <b>PDB12LF</b>   |  | 1.29 | 5.31 | -    |
|  <b>1-Gang Boxes</b>                 |                  |   |      |      |      |
| Low-Profile  | <b>PDB12LP</b>   |  | 4.90 | 3.25 | 1.25 |
| Standard   | <b>PDB12S</b>    |   | 4.90 | 3.25 | 1.78 |
| Deep   | <b>PDB12D</b>    |   | 4.90 | 3.25 | 2.44 |
|  <b>2-Gang Boxes</b>                 |                  |   |      |      |      |
| Communications<br>(DP plates only)   | <b>PDB12TGLV</b> |  | 4.90 | 5.06 | 2.44 |
| Divided<br>(KP plates only)  | <b>PDB12TGD</b>  |   | 4.90 | 5.06 | 2.44 |

\* Specifications subject to change without notice.



® **Hubbell Wiring Products**  
**Hubbell Canada Inc.**

870 Brock Road South, Pickering, ON L1W 1Z8 • (905) 839-1138 • Fax: (905) 839-9108  
www.hubbellonline.com  
**TECHNICAL SERVICES: 1-877-233-8324**



**H1952**  
May2002