

Pan-Way® Pan-Pole™ Aluminum Outlet Poles for Power and Communication

Pan-Pole™ Power and Communication Poles provide industry-leading solutions for cable routing in the open-office environment. These aluminum poles accept 70mm snap-on faceplates, as well as NEMA-standard screw-mount faceplates, and are provided with non-metallic 70mm (2.75") covers. Pan-Pole™ Power Poles are supplied with a power entry box, including ½" and ¾" conduit breakouts and an 8" removable plate (not provided on communication-only poles). Options include having pre-terminated electrical outlets with divided channel for power and communication applications or having an open-channel communication pole. Both products are available in 11- and 13-foot lengths. Pan-Pole™ Power Poles also have the option of extenders for custom configuration.



The dual-channel power and communication pole provides channel separation for the installation of communication cabling and modules, eliminating the need for two poles. One compartment is factory wired with two duplex style 20A, 125V NEMA 5-2OR grounding-type, specification-grade receptacles; leaving the second compartment for routing low-voltage cabling.

The single-channel communication-only pole allows for field installation of telephone, data network, or other low-voltage cabling.

Key Features

Benefits

| | |
|--|--|
| 1" bend radius control | Cables will not exceed the minimum 1" bend radius requirement and degrade performance Meets TIA/EIA standard and many warranty requirements |
| Dual-channel aluminum construction | Provides complete separation of power and data, eliminating need for two poles |
| Non-metallic cover | Tamper resistant yet allows access to installer for easy moves, adds, and changes; reduces cost to install and is easy to cut and modify |
| Accepts Pan-Way® Snap-On Faceplates | Eliminates need for screw-on faceplates and allows for customized placement of data outlets |
| UL5A/CSA listed | Meets the latest UL/CSA listing requirements |
| Available in two colors | Coordinates with a variety of environments |
| Optimized for use with Pan-Net® Connectivity System Network | Provides a complete network cabling solution |

Technical Information

| | |
|--------------------|--|
| Materials: | Aluminum base/PVC cover |
| Compliance: | Material is RoHS (Restriction of Hazardous Substances) compliant |
| Approvals: | UL & CSA rated to 600V |
| Color: | International White (IW) or Electric Ivory (EI) |

Ordering Information

| Part Number | Part Description | Std. Pkg. Color | Qty. |
|---|--|-----------------|------|
| Pan-Pole™ Power and Communication Pole | | | |
| PCPA13R20IWY | Power/communication pole. | Off White | 1 |
| PCPA11R20IWY | Power/communication pole. | Off White | 1 |
| Pan-Pole™ Communication Pole | | | |
| PCPA11IW | Communication pole. | Off White | 1 |
| PCPA13IW | Communication pole. | Off White | 1 |
| Pan-Pole™ Power Pole Extension Kits | | | |
| PCPAK22IW | Extension kit to extend 11' power pole to 22'. | Off White | 1 |
| PCPAK16IW | Extension kit to extend 13' power pole to 16'. | Off White | 1 |
| Pan-Pole™ Power Addition Kits and Standard Faceplate Bracket | | | |
| PCPAKR20IW | Power addition kit with 20A rectangular outlet. | Off White | 1 |
| PCPAKRIW | Power addition kit without 20A rectangular outlet. | Off White | 1 |
| T70SDB-X | Standard faceplate bracket. | Gray | 1 |
| Pan-Pole™ Power and Communication Pole Replacement Parts | | | |
| PCPKITIW | Replacement kit. | Off White | 1 |
| PCPTPIW | Replacement ceiling trim plate. | Off White | 1 |
| PCPECIW | Replacement end cap with floor grip pad. | Off White | 1 |
| PCPBRC | Replacement bend radius control ramp with T-bar bracket. | Gray | 1 |

Communication components sold separately. For other colors, replace IW (Off White) with EI (Electric Ivory).

Fill Capacity

| Raceway Type and Configuration | | Fill Area (n ²) | Electrical Cables | | | Data Grade Cables | | | | | | Audio/Video | | Fiber Optic Cable | |
|--------------------------------|---|-----------------------------|---------------------|--------|--------|-------------------|-----|--------------|-----|--------------|-----|--------------|-----|-------------------|-----|
| | | | 14 AWG | 12 AWG | 10 AWG | 24 AWG/UTP CM | | | | | | RG6 | | 2 Strand | |
| | | | THHN/T90 | | | Cat. 5e – Plenum | | Cat. 6 | | Cat. 6A | | | | | |
| | | | 0.111 | 0.130 | 0.164 | DIA. = 0.193 | | DIA. = 0.250 | | DIA. = 0.330 | | DIA. = 0.275 | | DIA. = 0.175 | |
| | | | FILL | | | FILL | | FILL | | FILL | | FILL | | FILL | |
| | | | MAX | MAX | MAX | SPEC | MAX | SPEC | MAX | SPEC | MAX | SPEC | MAX | SPEC | MAX |
| | | | (UL Temp Rise Test) | | | 40% | 60% | 40% | 60% | 40% | 60% | 40% | 60% | 40% | 60% |
| 1a | Power and Communication: Snap-On Faceplates (Power) | 0.47 | ** | 11 | ** | ** | ** | ** | ** | ** | ** | 3 | 4 | 7 | 11 |
| 1b | Power and Communication: Snap-On Faceplates (Communication) | 2.75 | ** | ** | ** | 37 | 56 | 22 | 33 | 12 | 19 | 18 | 27 | 45 | 68 |
| 2a | Power and Communication: Snap-On Faceplates (Power) | 0.43 | ** | 11 | ** | ** | ** | ** | ** | ** | ** | 2 | 4 | 7 | 10 |
| 2b | Power and Communication: Snap-On Faceplates (Communication) | 2.15 | ** | ** | ** | 29 | 44 | 17 | 26 | 10 | 15 | 14 | 21 | 35 | 53 |
| 3 | Communication-Only: Snap-On Faceplates | 3.47 | ** | ** | ** | 47 | 71 | 28 | 42 | 16 | 24 | 23 | 35 | 57 | 86 |
| 4 | Communication-Only: Screw-On Faceplates | 2.83 | ** | ** | ** | 38 | 58 | 23 | 34 | 13 | 19 | 19 | 28 | 47 | 70 |

AWG dimensions represent typical outer cable diameter in inches.

Related Products



Pan-Pole™ Power Pole Extension Kits

Pan-Pole™ Power Pole Extension Kits include a fully assembled 11' or 3' power pole with brace/coupler, and additional wing and screws. Customer needs to purchase separate 11' or 13' standard pole to configure a 22' or 16' pole length requirement.



Pan-Pole™ Power Addition Kits and Standard Faceplate Brackets

Pan-Pole™ Power Addition Kits (UL listed for field installation) provide for the addition of power outlets to the power and communication pole. This allows for the installation of up to three additional duplex outlets, for a total of five. The Standard Faceplate Bracket (for data) is used to mount NEMA-standard, single-gang, screw-on communication faceplates (not for use with snap-on faceplates).



Pan-Pole™ Power and Communication Pole Replacement Parts Kit

Pan-Pole™ Power and Communication Pole Replacement Parts Kit includes bend radius control ramp with two screws, T-bar brackets with one thumbscrew, one ceiling trim plate (two pieces), and one end cap with floor grip pad. Replacement ceiling trim plates, end caps with floor grip pads, and bend radius control ramp with T-bar bracket are also available individually.

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Guadalajara, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300 and reference SRCB03

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Product Bulletin Number **WW-SRCB03**
12/2011