Wiring Solutions for All Your Needs...

Rigid and Flexible Wire Ducts

Wire ducts provide an easy, efficient and safe way to organize wires and cables routed inside an electrical enclosure or cabinet. Our wiring ducts are available with rigid walls with narrow or wide fingers that can be removed to allow larger size cables or wire bundles to fit easily. We also offer a flexible version that bends as needed and allows effortless wire runs through the duct.

Iboco and AchieVe wire ducts are rugged UL recognized products made of a UL94V-0 flammability rated PVC material.

• Colors: Standard gray or white colors,
• Sold in 1m and 2m lengths and in various specifications
• Patented recessed boss allows rapid component mounting
• Standard mounting holes
• Flush cover design holds up to 12% more wires
• Two break lines allow removal of sidewall finger segments or finger and base segments
• Patented recessed boss allows rapid component mounting
• Sold in 1m and 2m lengths and in various width and height combinations
• Colors: Standard gray or white colors, also available in a black color that complements telecom racks and hardware, or an intrinsic blue color per IEC-RD12.6 specifications

T1 Series
Wide Finger Slotted Wall (rigid)
• Includes non-slip cover
• Wide finger design provides greater rigidity and larger slot width design
• Rounded, burn-free edges prevent hand or installation damage
• Flush cover design holds up to 12% more wires
• Two break lines allow removal of sidewall finger segments or finger and base segments
• Patented recessed boss allows rapid component mounting
• Sold in 1m and 2m lengths and in various width and height combinations
• Gray color

T1E Series
Narrow Finger Slotted Wall (rigid)
• Same features as T1 series but with narrower finger design for compact wiring configurations
• Available in white or gray color
• Restricted slot design retains wires in slot for fast, easy wire installation or removal

T1E Series with Self-Adhesive
• Same features as T1E series but adds the convenience of a self-adhesive tape that helps reduce installation time by holding position while installer secures the wiring duct. Foam adhesive conveniently allows repositioning of the wire duct for precision and optimized final installation
• Sold in 2m lengths in gray color only

Iboco Dinosaur DN series flexible wire ducts are resilient, bendable UL/CS products made of low smoke, halogen-free UL94V-0 flammability rated polypropylene material.

• Gray color
• Sold in 0.5-meter lengths
• Finger slots allow easy cable tie installation
• Sold in 2-meter lengths complete with cover
• Various sizes to fit panel needs
• Snap-in feature on bottom of duct enables easy accessory mounting

Wide Finger Slotted Wall (rigid) Accessories such as spiral wrap, braided sleeving, replacement rigid duct covers, wire duct accessories and labels are also available.

Wide Finger Slotted Wall (flexible)
• Includes non-slip cover
• Standard mounting holes
• Flush cover design holds up to 12% more wires than traditional wire ducts
• Patented recessed boss allows rapid component mounting
• Sold in 2m lengths and in various width and height combinations
• Gray color

I-Flex Tubing
I-Flex liquid-tight electrical tubing and connectors house and protect wiring and cables, providing simple and fast installation. Available in a range of diameters, flexible non-metallic tubing is ideal for tight, non-linear wiring runs, including where liquid or ultraviolet resistance is required.

• Flexible for fast installations
• Excellent for areas with tight quarters, movement, vibration, or flexing issues
• Available in light gray or black

TSH Series Solid Wall (rigid)

Dinosaur Series Flexible Wire Ducts

AchieVe narrow and wide finger slotted wall rigid wire ducts offer high quality at a more cost-effective installation.

• Gray color
• Finger slots allow easy cable tie installation
• Sold in 2-meter lengths complete with cover
• Various sizes to fit panel needs
• Snap-in feature on bottom of duct enables easy accessory mounting

Electri-Flex Tubing
Electri-Flex Liquatite non-metallic flexible liquid-tight electrical conduit is constructed with a spiral of rigid PVC reinforcement within the conduit wall.

• Type NM: Liquid-tight non-metallic conduit that provides excellent wire protection
• Contains 1000V and lower circuits
• Outdoor, direct burial or in poured concrete use
• Approved for hazardous location

RACO Liquid-Tight Connectors
RACO liquid-tight conduit connectors join tubing at splice or directional points, or to the mechanical terminations of electrical devices.

• Designed to fit flexible metallic and non-metallic conduit
• Available in straight or right angle bodies
• Sold individually or in bulk quantities
• Positively bonds conduit providing a Class I, Div 2, Class II, Div 1 & 2, and Class III, Div 1 and 2 hazardous locations connection

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Tubing, Conduit, and Connectors

Electrical tubing and conduit provide routing channels for electrical wires and excellent protection from abrasion, sunlight, mild acids, alkaline, and oils. Liquid-tight conduits and tubing are especially useful to provide complete moisture protection when installations require several bends and turns.
Cable glands, commonly known as cable connectors or fittings, are designed to attach and secure a cable to electrical equipment or at an enclosure entry point. Cable glands provide strain relief and typically seal out dust, dirt and even liquids.

### Standard and Protection Series Plastic Cable Glands

**Material**
- Body: PA 6 (Polyamide 6)
- Cap: PA 6 (Polyamide 6)
- Seal: CR (Chloroprene Rubber)

**Protection Class**
- IP68 - 5 Bar (72.5 psi)

**Attachment Threads**
- Available in Metric, PG, or NPT threads

### Brass Cable Glands

**Material**
- Body: Brass nickel-plated
- Cap: Brass nickel-plated
- Seal: CR (Chloroprene Rubber)
- Clamp Insert: PA 6 (Polyamide 6)
- O-ring: NBR

**Protection Class**
- IP68 - 5 Bar (72.5 psi)

**Attachment Threads**
- Available in Metric, PG, or NPT threads

### Hygienic Cable Glands

Hygienic cable glands have a smooth finish with no threads exposed, preventing harmful microorganisms from sticking to the surface. The sealing material is in accordance with FDA guideline 21 CFR 177.2600. The design allows for easier, faster, and lower-cost cleaning. Hygienic cable glands are available in standard type and EMC type, which adds the shielding protection for shielded wiring.

**Material**
- Body: Stainless Steel
- Cap: Stainless Steel
- Locknut: Stainless Steel
- Contact Spring: Special copper alloy (EMC version only)
- Seal: EPDM, according to FDA guideline 21 CFR 177.2600

**Protection Class**
- IP68 - 5 Bar (72.5 psi)

**Attachment Threads**
- Available in Metric, or NPT threads
BPA Series Cable Entry Plates

BPA series cable entry plates allow cables to be installed through an enclosure and other bulkhead surfaces, with the added benefit that pre-made, terminated cables can be installed without disassembling the connectors. The BPA series is a split-frame system that allows quick and simple installation of up to 10 cables in a single frame. The grommets are pyramidal with conical outer surfaces. These shapes ensure high strain relief when they are compressed into their conical seats. The robust multi-part frame design provides better mechanical stability and a high degree of environmental protection.

- One-piece frame
- Stainless steel
- Includes matching grommets
- IP66, UL Type 12, 13, KX protection

BRM Cable Entry Systems

The BRM series cable entry systems allow non-terminated cables to be installed through an enclosure or other bulkhead surfaces, allowing a high density of cables to pass through a small area. The BRM series is a one-piece system that enables quick and simple installation of up to 29 cables in a single frame. The ultra-flexible entrance membrane ensures ingress protection for a large range of cable diameters.

- Available in 1 frame size
- Quick and easy to install
- Bolt-in or snap-in mounting
- Integrated strain relief
- Fits standard cut-out dimensions
- IP66, UL Type 12, 13, KX protection
- Operating temperature: -60 to 176°F (-40 to 80°C)
- 2-year warranty

SPLIT FRAMES

Frames

BRM series frames are one-piece systems that allow non-terminated cables to be installed through an enclosure or other bulkhead surfaces, allowing a high density of cables to pass through a small area. A special back sealing design ensures “close fit” even if a cable is removed. This unique feature allows a cable to be inserted and removed as needed.

Grommets

BPA series grommets are perfect for round cables. The small version accepts cable diameters between 0.138 to 0.61 inches (3.5 to 15.5mm). The large version accepts cable diameters between 0.61 to 1.161 inches (15.5 to 29.5 mm).

KDL/D and KDL/D Mono Series

The KDL/D series is a split-frame system that enables the quick and simple installation of up to 48 pre-made and/or terminated cables in a single frame. The KDL/D MONO series is a round split-frame version that allows up to 8 cables in a single frame.

- Available in 1 frame size
- Uninterrupted cable guidance
- High protection class IP66
- Matching grommets KDL/D
- Integrated strain relief
- Fits standard cut-out dimensions
- High protection class IP65
- 2-year warranty

KDL/H-VA-FDA Series

This is a split-frame system that enables the quick and simple installation of up to 12 pre-made and/or terminated cables in a single frame. The frames are made of stainless steel and the grommets and grommet blocks are made of TPE, making them FDA compliant cable entry systems.

- 2-piece or 3-piece frames
- Easy assembly
- Integrated strain relief
- Halogen free
- Suitable for standard cutouts for 24-pin and 16-pin industrial connectors
- High protection class IP69K
- 2-year warranty

KDP Series FDA Cablequick®

This one-piece frame is made of stainless steel and includes an FDA compliant TPE elastomer specially modified for Murrplastik to enable the use for food, beverage and pharmaceutical industries. This series allows quick and simple installation of up to 56 non-terminated cables in a single frame.

- 24-pin or 32-pin connectors
- Easy assembly
- Integrated strain relief
- ECO Lab Certified
- High protection class IP69K
- 2-year warranty

One-piece frames have one instead of two elastomer plates and are a great alternative to cable fittings when having a large number of cables and space is an issue. Also available in stainless steel FDA compliant with IP69K rating.

KAF Series strain relief plates may be used wherever strain relief or routing for cables, cords, hoses or wires is required.

Wiring Solutions

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