

 Design Engineer's Guide

# CABLE MANAGEMENT

SMART SOLUTIONS FOR  
YOUR APPLICATION



# HELP CHOOSING THE RIGHT SOLUTION FOR YOUR APPLICATION

A particular cable tie isn't right for every application. The same goes for other cable management solutions. This guide shows you which products best suit the task at hand.

We can help you take on the challenges you face with an extensive range of **fiber** and **cable management solutions**, designed to make your application come to life and last longer. From adhesive cable clamps and cable duct to insulator sleeves and reusable cable ties, we're here to help. You can also learn more in our guide **How to Protect Cables** and from our **Wire and Cable Management video**.

Click on the product names below to find out more, to order **free samples** and download **CAD drawings**.

## CONSUMER ELECTRONICS & APPLIANCES

White Goods | Computers | Televisions | Office Equipment

While aesthetics matter to the consumer market, cabling solutions also need to be easy to install for efficient production.



### ENHANCE YOUR LATEST DESIGN PROJECT WITH:

#### QUICK FIT GROMMETS

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- Quick fit grommet snaps neatly and easily into place
- Silicone rubber cable grommet that stands up to wide range of temperatures

Learn more about these solutions in [Why Should my Business Use Grommets?](#)

#### CUPPED BASE CABLE TIE HOLDERS

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- Arrowhead cable tie mounts provide secure fastening piece into panel hole for cable tie to be passed through
- Cupped base provides extra stability
- Nylon 6/6
- Rated UL94 V-2

#### MOUNTING CABLE TIE PUSH-FIT RELEASABLE

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- Also known as arrowhead cable ties, combining cable tie, mount and fastener in a single part
- Push-in cable tie snaps into pre-drilled hole
- Performs as a releasable cable tie
- Nylon cable tie, 6/6, mount and fastener
- Also available as nylon heat-stabilized cable ties
- Rated UL94 V-2

You also might find our [Guide to Cable Ties](#) helpful.



# DATA CABINETS

## Rack Enclosure Cabinets | Server Rooms

Organize your cables and make them easy to access. With cables safely out of the way, you can also prevent accidents and the loss of data.



### GIVE YOUR DESIGN SMART SOLUTIONS:

#### TWIST TIES WITH SNAP MOUNT, 45°

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- Twist ties with 45° angle – also available with side entry
- Ideal for applications with limited space
- Plastic twist ties – nylon 6/6
- Rated UL94 V-2

Learn more about these solutions in our [Guide to Twist Ties](#).

#### SNAP FIT CABLE BUSHING

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- Snap-fit bushings protect wires and cables from sharp edges on metal panels
- Push-in design enables bushing to be easily assembled into holes already containing a bundle
- Nylon 6/6
- Rated UL94 V-2
- Operating temperature range: -40°F to 185°F (-40°C to 85°C)

Learn more in our [Guide to Cable Strain Relief and Protection](#).

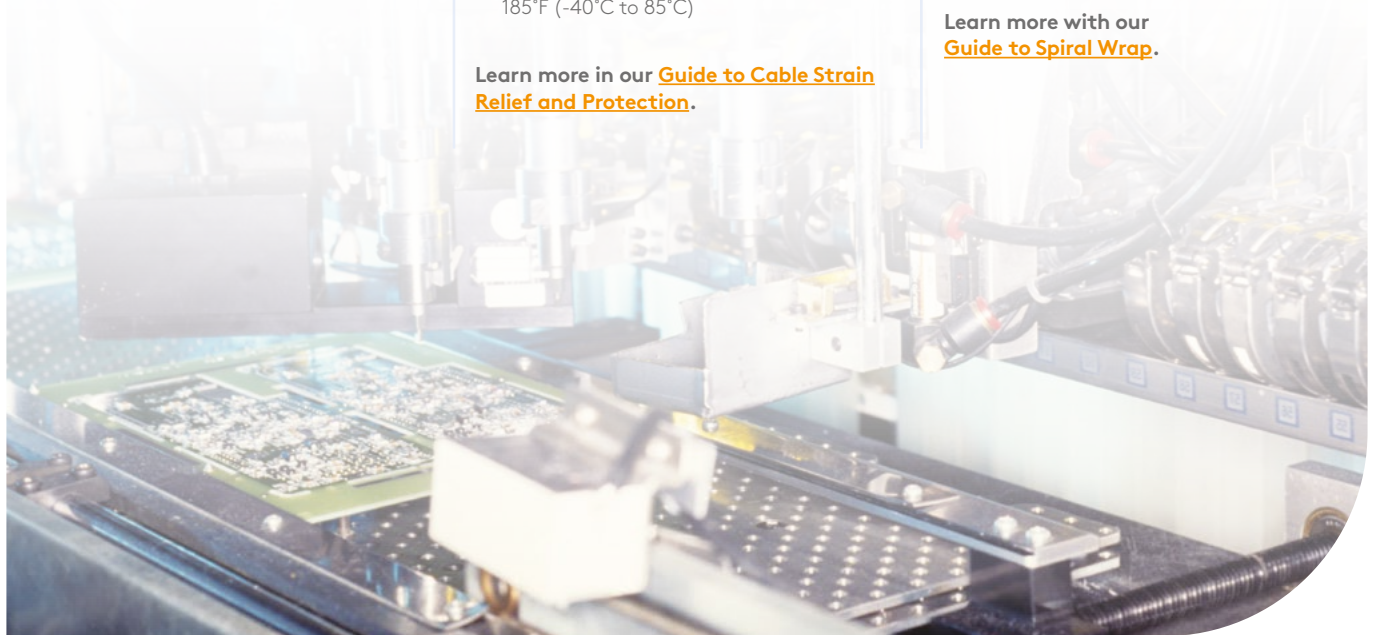
#### SPIRAL CABLE WRAP

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- Spiral cable wrap
- Ideal for protecting and securing cables
- Lightweight and cost effective
- Flexible cable wrap available in polyethylene
- Also available in UL94 HB Nylon and UV stabilized LDPE

Learn more with our [Guide to Spiral Wrap](#).





# OUTDOOR ENCLOSURES

Outdoor Telecom Equipment Cabinet | Generators | HVAC

Weather-proof solutions with guaranteed ingress protection – just what your outdoor enclosure needs to protect your cables and prevent costly repairs.



## PROTECT YOUR DESIGN PROJECT'S CABLING WITH:

### IP67 SEALING GROMMETS

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- IP67 sealing grommet provides dust and watertight seal
- Ideal for external applications
- Withstands vibrations
- Rubber cable grommet – EPDM

### CORD GRIP

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- Strain relief cord grip
- Cord grip, also known as a cable gland, rated IP 68 for superior sealing – 5 bar
- Body and nut, nylon 6, Black
- Sealing gland, CR/NBR
- Optional CGLN locking nut, glass-filled nylon 6
- Rated UL94 V-2
- Operating temperature range: -4°F to 211°F (-20°C to 100°C)
- Available in both straight and 90° configurations

You can learn more in [A Guide to Cable Glands.](#)

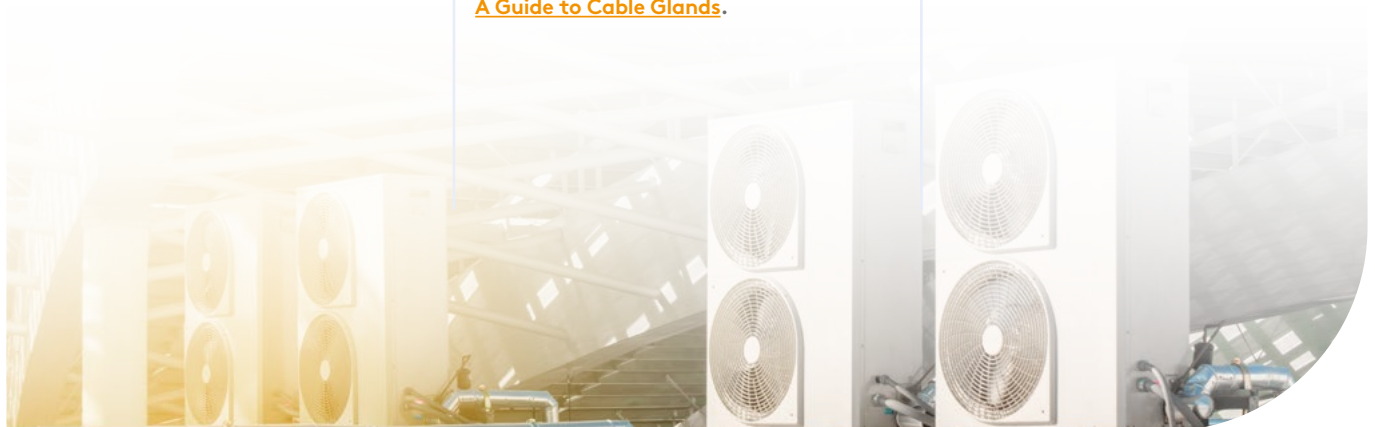
### STANDARD CABLE TIE

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- Tough weather resistant cable ties
- UV-resistant, for outdoor use
- Non-Releasable
- Black nylon 6/6 cable ties, rated UL94 V-2

You also might find our [Guide to Cable Ties](#) helpful.





# AUTOMOTIVE

The perfect solutions for keeping automotive electrical wires bundled and protected from hot components and sharp edges.



## KEEP YOUR DESIGN'S CABLES SAFE AND SECURE WITH:

### STANDARD CABLE TIES, HEAT STABILIZED

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- Heat stabilized nylon 6/6 cable ties
- Cost effective, strong and flame retardant
- Non-Releaseable
- Black nylon 6/6 cable ties, rated UL94 V-2

### CABLE CLAMP

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- Screw mount cable clamp
- P clip cable clamp with vinyl coating protects against vibrations
- Aluminum Alloy 5052 H-32 & TPV
- Rated UL94 V-2
- Operating temperature range: 32°F to 122°F (0°C to 50°C)

Our guide [How to Choose the Right Cable Clamp](#) can also help.

### STANDARD GROMMETS

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- Protect wires against sharp edges of unfinished sheet metal
- Quick fit grommet – snap-in design for fast, easy installation

**Rubber cable grommet available in:**

- Thermoplastic rubber: resistant to most oils and greases; operating temperature range: -40°F to 275°F (-40°C to 135°C)
- EPDM: heat resistant, for use in extreme temperature environments; operating temperature range: -40°F to 257°F (40°C to 125°C)

**Plastic cable grommet available in:**

- Black PVC: resistant to ozone, acids and sunlight; maximum operating temperature: 95°F (55°C)



# DOWNLOAD FREE CADS AND TRY BEFORE YOU BUY

Free CADs are available for most solutions to download. You can also request free samples to ensure the solutions you've chosen are exactly what you need. If you're not quite sure which product will work best for your application, our experts are always happy to advise you.

Whatever your requirements, you can depend on fast despatch.

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