BAND-IT

THE ULTIMATE FASTENING SYSTEMS

BAND-IT POWER CABLE MANAGEMENT SOLUTIONS

The simpler and more cost effective alternative to cable cleats

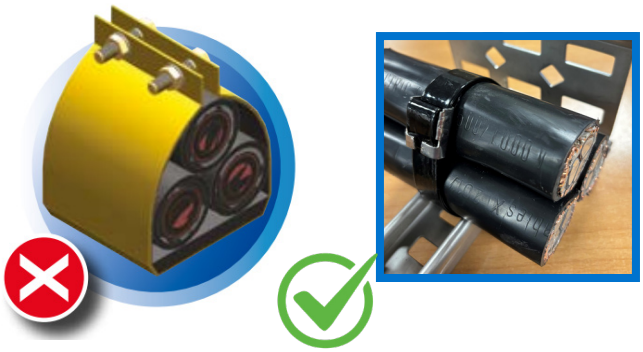


BAND-IT offers premium solutions for the Power Cable Management/Cable Cleat space across our BAND-FAST and related Cable Tie products.

Our products, specifically PPA coated BAND-FAST, provide a high quality, low cost alternative to solutions like cable cleats in power cable bundling applications common to many construction projects including Data Centers, Offshore and Onshore Petrochemical, and Power Plant constructions. Our Cable Tie products compliment the offering, often being used in lower strength cable management applications in the same projects.

Benefits of BAND-FAST Clamps over Cable Cleats

- Up to 75% lower material cost
- Up to 3x faster to install - reduced labor costs
- Lower profile
- No additional fixings required
- Large diameter adjustment - reduced inventory
- Significant reduction in weight
- Easier handling & logistics



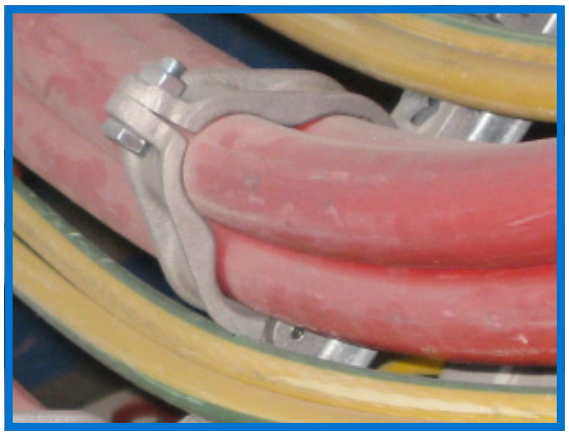
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THE POWER CABLE MANAGEMENT ENVIRONMENT

Power cable management is an important element of large-scale industrial and infrastructure projects. One of the fastest growing segments, Data Centers are **seeing up to 14.5% CAGR (Compound annnual growth rate) globally, over the next 5 years** with other segments like Ship Building and Nuclear Construction projecting renewed growth as well. Top of mind for each of these applications is safety, reliability and efficiency. Cable management solutions must meet industry standards, perform in potentially harsh environments, and deliver high-quality, engineered performance.



Ensuring power is properly routed throughout an industrial project like a data center is one of the most important aspects of an installation project, but often the details are left for last. Installers too frequently find themselves using an assortment of rubber channels, brackets, fixings, and ties (often more broadly categorized as 'Cable Cleats') which quickly add up to be an expensive and time-consuming element of the project. These solutions are often;

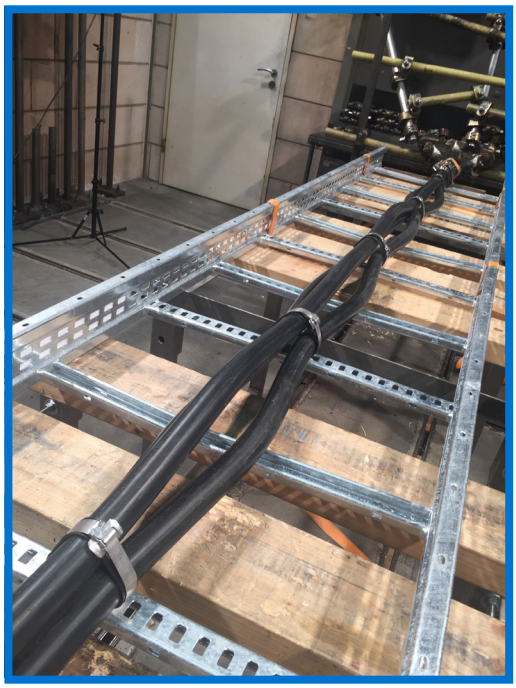


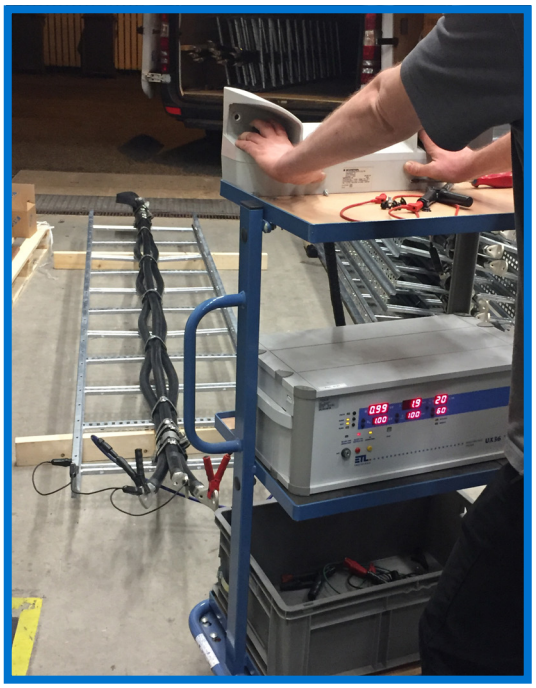
- High-Cost Materials
- High Profile
- Heavy
- Require Additional Fixings
- Have Minimal Diameter Adjustment
- A Time Consuming Installation
- Difficult to manipulate and pull cables

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When selecting a fastening solution for routing large amounts of power, especially in applications requiring uninterruptible power supply (UPS), design firms and contractors need to consider the environment they're building for. Solutions need to be capable of withstanding potential hazards such as short circuit forces, preferably with IEC-standard short circuit testing, and they should also use Low Smoke Zero Halogen materials to prevent against toxic fumes in case of fires. Reducing material bulk wherever possible will reduce costs and complexity, ensuring smoother installation and faster project completion.

ELECTROMECHANICAL FORCE TESTING





Short circuits in industrial settings can cause fires, explosions, electrical shocks, equipment damage, and power outages. The intense heat can melt insulation and ignite flammable materials, while unexpected current paths increase shock risks. Sudden current surges can destroy electronics and damage power sources, leading to power interruptions. It's essential to mitigate the risk of significant damage to equipment and the potential for injury or death of personnel due to the whipping of heavy cables.

BAND-IT's PPA Coated BAND-FAST clamps are independently tested to the Cable Cleat Standard IEC61914:2015 for resistance to electromechanical force (test reports available upon request.). This means they retain the cables during a potential short circuit event, preventing against the risks noted above. They also help to maintain functionality of emergency equipment by allowing the cables to remain connected and supplying critical power.

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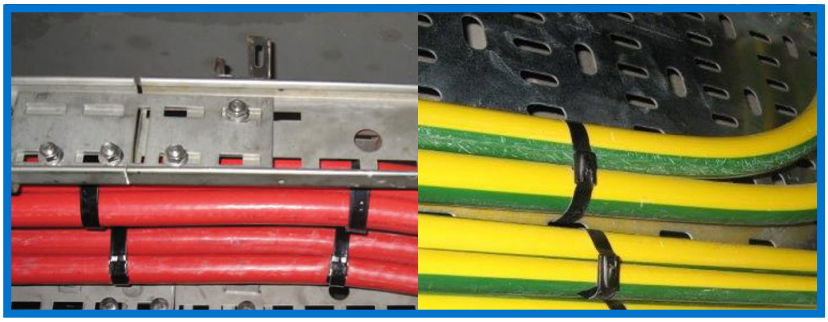
REVOLUTIONIZING POWER CABLE MANAGEMENT WITH BAND-FAST SOLUTIONS

BAND-IT is leading the way in Cable Management Solutions! Our PPA-coated, short-circuit tested BAND-FAST products offer a low profile, quick, and easy installation – eliminating the need for bulky alternatives like cleats or ties with brackets and cushion sleeves. Customers love the significant cost and time savings these solutions provide. Complimenting this is our selection of various ties and tools suited for use across a variety of environments, from mild to the extremes.



Advantages of our BAND-FAST products include;

- Tested for Short Circuit to withstand up to 76kA (per IEC 61914:2015). Uncoated Versions are tested up to 120kA (With additional cushion sleeve)
- Can be installed directly through the ladder rung eliminating additional fixings
- Low smoke, halogen free coating eliminating the need for cushion sleeving
- Low profile design for space and weight savings
- Significant diameter reduction – fewer part numbers to be ordered / stocked
- Simple installation tool – quick and easy to install with the C07569 Bantam Tool
- Faster to install than cleats (or cable ties with brackets & cushion sleeve)
- Lighter weight – easier to carry around site
- Environmental benefits – less energy consumed in production and transportation
- 75% cost saving compared to cleats

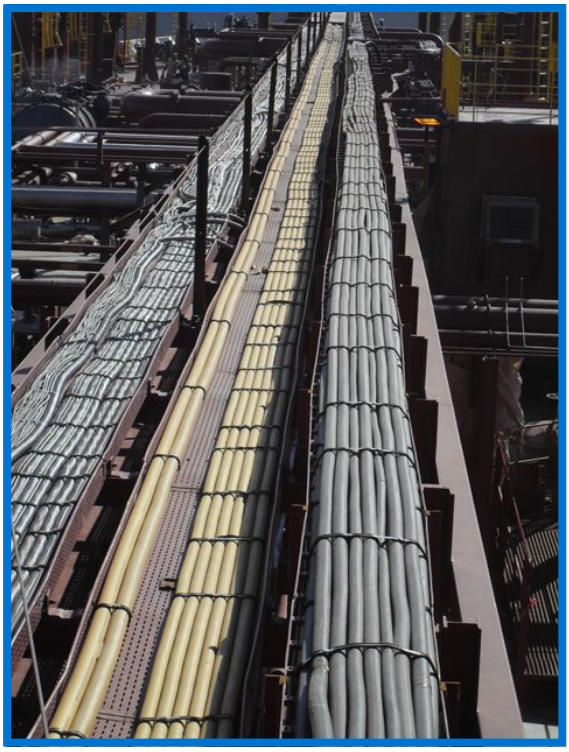


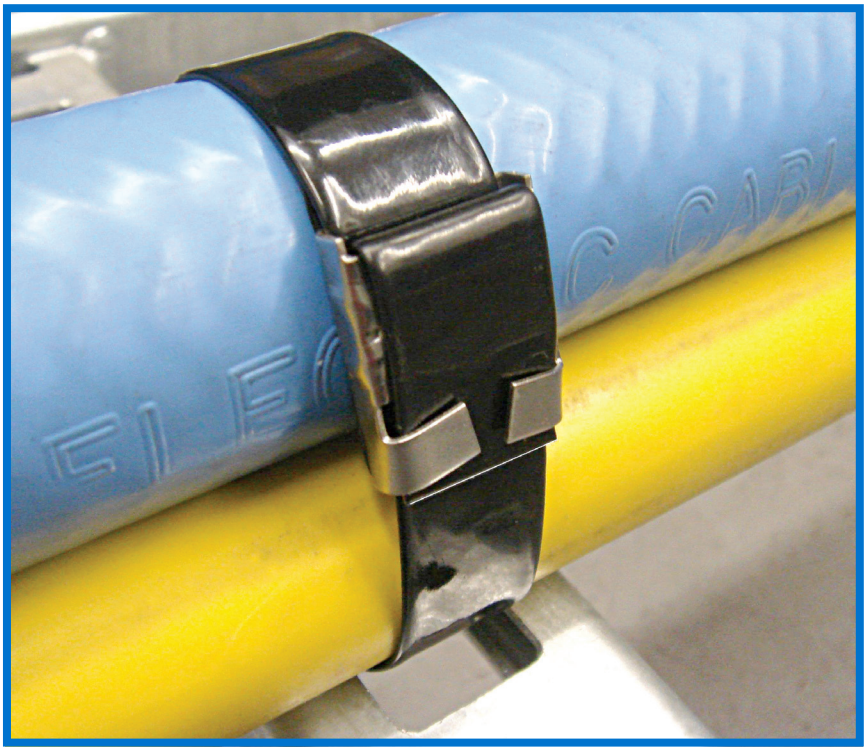
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BAND-FAST & CABLE TIES

BAND-FAST and Cable Tie products meet Power Cable Management requirements across diverse project applications

Item Type	Description	Characteristics
AE1 & AE3	ECO-TIE STRAPS and CABLE TIES	Reusable cable ties, PPA coated or uncoated 316 SS, resistant to stress cracking & adverse weather conditions, one-piece construction, double wrap for special strength requirements
AE6 & AE7	MULTI-LOK TIES	High strength with vibration resistance benefift, perfect for Harsh Duty or Marine Environments, self-locking, coated (nylon) or uncoated 316 SS
AE43 & AE45	316 SS BAND & Clips	PPA Coated & Uncoated 316 SS, superior corrosion resistance in marine atmospheres, non-magnetic, various colors
CFAC & CFFC	PPA Coated BAND-FAST Clamps	Cable Cleat alternative, short circuit tested, space saving, PPA coated 316 SS, zero halogen/ low smoke & fume, large diameter adjustment, faster to install
CFEC	UNCOATED BAND-FAST Clamps	Cable Cleat alternative, short circuit tested, high strength uncoated 316 SS used with polymeric channel
KE	PREMIUM BALL-LOK TIES	Smooth inner diameter, higher loop tensile, 100% Black Epoxy coated 316 SS or uncoated 304 or 316 SS, easy installation, longer life than nylon cable ties especially in extreme environments, reduced risk of cutting/abrading cable insulation
KT	STANDARD BALL-LOK TIES	30% Polyester, 70% Epoxy coated or uncoated stainless steel, easy installation





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APPLICATIONS



Who can benefit from BAND-IT's Power Cable Management solutions? Here are a few examples of the types of customers that value our products!



Data Center Construction Managers, Electrical & Mechanical Contractors

Sarah, a Data Center Construction Manager, oversees the installation of electrical systems. She is looking for cost savings and SKU reductions while still ensuring safety and reliability. BAND-IT's BAND-FAST solution allows her to replace a more complex system with a high-quality, quick, and easy-to-install alternative.



Data Center Architects & Designers/IT Infrastructure Designers

Meet Alex, a Data Center Architect who designs state-of-the-art facilities for hyperscalers and tech giants. Alex needs reliable, industry-compliant power cable management solutions to ensure seamless integration of IT infrastructure, both now and as the facilities continue to develop.



Procurement Managers

Taylor, a Procurement Manager, is responsible for sourcing high-quality materials for power plant construction projects. Taylor relies on our power cable management solutions to ensure that all electrical components meet the necessary standards and are readily available when needed.

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