Brand-Rex
High Performance Cabling Solutions
For Extreme Environments and Mission Critical Applications
European manufacturing. Custom-order expertise. 120+ years of excellence.

LEVITON'S HIGH PERFORMANCE SOLUTIONS

We are manufacturing experts. We make highly specialized cable to withstand extreme conditions like heat, flame and chemicals. Using our own in-house technical, material and service expertise, we provide customized, cost-effective solutions built to your exacting standards. Supported by a rich 120-year heritage, we are driven by our constant desire to improve quality and service, and have earned certifications across a wide range of market sectors – more than any other factory in the industry.

We look forward to working with you on your next high performance cable project.
Our Promise

Brand-Rex High Performance Cables are built to last and designed to stand up to severe environments, substances and conditions, including:

- Oil
- Fluid
- Chemicals
- Solvents
- Flame
- Heat

Our Expertise

We design and manufacture Brand-Rex High Performance Cables for extreme deployments, hazardous conditions and demanding applications.

Our Markets

- Automotive
- Energy and Industrial
- Rail and Mass Transit
- Defense and Marine
- Aerospace
- Harsh Environment Data Cables

Leading organizations around the world rely on Brand-Rex High Performance Cables for safety, quality and peace of mind. We look forward to working with you. Explore your customized cabling options at leviton.com/ns/emea/hp.
At Leviton, we produce composite constructions to satisfy discrete customer cabling requirements.

For example, in underwater sensor cameras and ROV applications, or CCTV installations, your design choices include:

- Conductors
- Insulations
- Screening
- Strength members
- Armoring
- Jacketing

Applications

We understand your unique needs. Our cables are made for the most extreme of applications and environments, including:

- High-temperature environment sensors
- Harsh location CCTV
- Underfloor heating
- High-end audio
- Gas ignition systems
- Geophysics measurement
- Fuselage harnesses
- Trackside signaling
- Battlefield communication
- Marine control solutions
Our comprehensive program of **quality assurance** includes:

- Failure analysis
- Analytical assurance
- Advanced material analysis
- Accelerated aging simulation
- Product accreditation and approval

Leviton cable products and manufacturing practices are stringently and continuously scrutinized to meet or exceed internationally recognized standards. Our quality products and processes have earned us more certifications than any other factory in the industry.

**Quality Management Certifications**  **ISO 9001**

Demonstrates the ability to consistently provide products and services that meet customer and regulatory requirements.

**Sustainability**  **ISO 14001** and **ISO 50001**

ISO 14001 provides a framework for improving environmental performance through effective pollution control, legislative compliance and continual improvement.

The ISO 50001 environmental standard provides a guide to establishing systems and processes that reduce energy use and greenhouse gas emissions.

**Automotive**  **IATF16949**

Promotes continual improvement, emphasizing defect prevention, reduction of variation and waste in the automotive industry supply chain.

**Aerospace**  **AS9100**

The international standard for the aviation, space and defense industry certification allows for the provision of safe and reliable products to these industries.
We are a world leader in the highly specialized market of high-temperature wiring solutions for the automotive industry. Our commitment to IATF 16949 standards related to brake system, oxygen sensor, and NOx manufacture protects drivers against defects and component variations, ensuring safety and reliability throughout our product line.

**Applications:**
- Oxygen sensors
- Brake wear sensors
- Car seat heating elements
- NOx sensors
- ABS sensors
- High-temperature sensors
- Urea/Adblue efficiency

**Product Lines:**
- PTFE, FEP, ETFE, PFA, MFA, PEEK, and polyimide wires

Our specialty cables are built to withstand severe temperatures, pressure, and environmental extremes, including exposure to chemicals, fuel, rodents, and fire. Our products are ideal for the harshest industrial applications, such as offshore rigs, cranes, and explosion hazards.

**Applications:**
- Marine and nuclear camera systems
- Gas ignition systems
- Industrial sensors
- Electrical switching systems
- Heat detection, instrumental and control

**Product Lines:**
- Rodent/termite resistant
- PTFE to UL, NEMA, British Standards
- FEP, ETFE wire and cables
- Polyimide cables
- Multicore hybrid constructions
- PEEK cables

London Underground and the Channel Tunnel use our comprehensive range of flame retardant trackside cabling products to meet their demanding specifications. Since London Underground cable performance approvals are considered to be the industry’s most stringent for smoke and fire exposures, you can trust Leviton for your mass transit infrastructure’s rolling stock, signaling, and communications needs.

**Applications:**
- Rolling stock
- Locomotives
- Inductive loop systems
- Communications and signaling systems
- Axle counters and TPWS
- Trackside

**Product Lines:**
- Inductive loop cables
- Coaxial cables
- Rolling stock wire and cables
- Rodent and termite resistant
- Polyrad cables
As an approved supplier of copper and fiber optic cables for military and maritime applications, we offer complex cables and hybrid constructions with high performance insulating and outer materials optimized for military systems and infrastructure.

**Applications:**
- Fiber optic communication cables (command and control)
- Connecting power sources
- Weapons systems
- Shipboard cables

**Product Lines:**
- Def Stan 60-1 Part 1 and 2 (optical cables)
- Def Stan 61-12 Part 9, 12, 17, 18, 25, 31, 33
- Def Stan 02-527
- Detonator cables
- High performance optical cables
- Field telephone cables
- High performance LSZH control cables
- Coaxial cables

The aerospace sector has relied on our cabling options for over 50 years. As an AS9100:2016 and ISO9001:2015 approved manufacturer, we’re the perfect partner to supply mission-critical cabling that complies with the safety and performance criteria specified by this global standard.

**Applications:**
- Fighter jets
- Fuselage and wing harness wiring
- Landing gear wiring
- Databus cables
- Mission and electronic systems wiring
- Thermocouple engine cables

**Product Lines:**
- PTFE extruded products
- High-temp hook-up wire
- Arc track resistant composite wire
- High-temp glass braided cables
- EFWRAP spiral cable protection
- Coaxial cables
- JN, PAN, ASNE specifications

Cost-effective and deployable in any industrial application, our market-leading optical fiber and copper data cables are ideal for a diverse range of systems, with standard and customized solutions available to meet your current and future network demands. As part of our complete end-to-end solutions, our industrial data cables offer high performance sheathing and optimization for demanding industrial environments.

**Applications:**
- Automation
- Foundation fieldbus
- Profinet
- CAN and Modbus
- Indoor and outdoor installations

**Product Lines:**
- Databus cables
- Fiber optic cables
- Instrumentation cables
- Armored cables
- Hook-up and lead wires
- Multi-conductor cables
- Cat 5e
We invent the industry's best technologies, and we build them to last. And we stand behind every product — delivering industry-leading performance and unbeatable service and support — throughout the life of your cable installations. Add in the peace of mind that comes from working with a stable, century-old supplier, and you get the highest return on your cabling investment.