Information on manufacturers of high-power luminous cables



Overview

10 Leading High Voltage Cable Suppliers for 2025 | LX CableAs the global demand for reliable power transmission continues to grow, several companies stand.

Key Takeaways

Leading manufacturers of high-power luminous cables include Prysmian Group (TENAX-LUMEN), Synergy Cables, Laser Power & Infra, and Salcavi. Prysmian Group – TENAX-LUMENPrysmian Group offers self-luminous high-power cables designed for mobile mining equipment, such as shovels and draglines. These cables are extremely robust, incorporating aramid yarns and specialized fillers to ensure durability in harsh mining environments.

TENAX-LUMEN cables provide both power transmission and safety illumination, acting like a modern “canary in a coal mine” to enhance operational safety. Prysmian Group operates globally with 112 plants and 25 R&D centers, ensuring extensive production capacity and technical support.

Synergy Cables

Established in 1934, Synergy Cables manufactures low, medium, and high-voltage power cables up to 161 kV, including industrial and control applications. Their cables are produced with Al or Cu conductors, XLPE/EPR/PVC insulation, and rigorous quality testing. While primarily focused on power and control, Synergy Cables also offers custom solutions for specialized applications, including lighting and industrial environments.

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They comply with international standards such as UL, IEC, BS, and VDE, and have subsidiaries in the US, Germany, and the UK. Laser Power & InfraLaser Power & Infra produces high-performance power transmission cables with advanced technologies like carbon-core HTLS conductors, enabling higher power transfer with minimal losses. Their products are suitable for demanding industrial and grid applications, and the company emphasizes continuous R&D to enhance cable performance and export readiness.

Salcavi

Salcavi specializes in lighting cables for LED and general lighting systems, offering safe and aesthetic designs. As an Italian manufacturer and exporter, Salcavi provides solutions for both commercial and industrial lighting applications, including high-power LED installations.

Summary

For high-power luminous cable needs, Prysmian Group's TENAX-LUMEN is particularly suited for mobile mining and industrial safety applications, while Synergy Cables and Laser Power & Infra provide high-voltage and high-performance power cables adaptable to custom luminous or industrial setups. Salcavi focuses on lighting-specific cables for LED and general illumination systems. These manufacturers offer global distribution, compliance with international standards, and tailored solutions for specialized applications.

Article Content

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As the global demand for reliable power transmission continues to grow, several companies stand out in the production of high-voltage cables. Here are the top 10 high voltage power

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Top High Voltage Cable Manufacturers : Market Share

Due to this, high voltage cable manufacturers have maintained their status as the support system of megacities. Check out sample report that

Prysmian Cable Catalogue and Products

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NKT | Cable Solutions

By adding first medium voltage cables (MV) and later high voltage cables (HV) to our portfolio of products, we have become a leading cable supplier within Europe.

Global Cables and Cable Accessories Supplier | Batt Cables

Leading supplier of power, data, control, and instrumentation cables, plus cable accessories. Trusted solutions for industries worldwide.

High Voltage Cable | HV Cable to 132kV | Eland Cables

We provide HV cable solutions for underground power distribution designed to be application-led and project specific. Requirements may include unusual quantities or lengths, short production lead

Lumino Industries Ltd

Lumino Industries Limited, headquartered in Kolkata and equipped with a manufacturing facility in Howrah, India, leveraging our experience of over three decades of expertise in serving the power

JDR Cable Systems

TFKable and JDR Cable Systems, both leading manufacturers in the cable industry, proudly operate under the TFKable Group. As a unified entity, they combine their expertise to deliver high-quality

Global Cables and Cable Accessories Supplier | Eland

Leading cable supplier to industry worldwide for power, data, control & instrumentation cables and cable accessories, with accredited laboratory testing,

79 Electric Power Cable Manufacturers in 2026

79 Electric Power Cable Manufacturers in 2026 This section provides an overview for electric power cables as well as their applications and principles. Also, please take a look at the list of 79 electric

Cables Manufacturers and Suppliers in the USA

Cables are the unseen infrastructure that move power and data through factories, utilities, rail and transit systems, oil and gas sites, data centers, and telecom networks. Products range from

Cable Manufacturers for the Power Industry: An Expert Guide

Cable manufacturers for the power industry: Introduction In the intricate and high-stakes realm of the power industry, the selection of cable manufacturers is a decision that carries significant weight.

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10 Leading electrical cable manufacturers in the world

Continued growth in global electricity demand is driving an increase in international electrical cable manufacturers. The cables these manufacturers supply are essential in the

High Voltage Cables Manufacturer

Tratos High Voltage Cables are flexible, light, strong with low maintenance. Tratos is a manufacturer and supplier of HV Cables up to 245 kV.

Top 14 electrical cable manufacturers in the world

Top 14 electrical cable manufacturers in the world The process of creating cables to transport electrical power or communications is called electrical cable

Top 16 : Electric Wire and Cable Companies in the World

Sumitomo Electric is one of the largest electric wire and cable manufacturers in the world, offering a wide range of products, including power cables, automotive wires, and optical fiber cables.

List of electrical cable manufacturers

List of electrical cable manufacturers This table shows the biggest manufacturers of cable in terms of revenue. The revenues noted here are total revenue of the group as reported in financial statements.

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