GULIX
CABLE
POWERING POSSIBILITIES

INTRODUCTION

Gulix Cable Pvt Ltd: Flexible Aluminium Cable Solutions

Reliable Performance

Lightweight by Design

Flexible by Nature

Sustainable for Tomorrow

Presented by: Shakti Shukla, CTO at Gulix Cable Pvt Ltd

Engineered for Excellence

Trusted by Industries

Built on Quality, Driven by Innovation

Made in India, Made for the World

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GULIX OVERVIEW

Gulix Cable Pvt Ltd is a **technology-driven cable manufacturer** specializing in low, high, and medium voltage cables, including solar and elastomeric solutions. The company boasts a strong manufacturing base and a significant presence across various sectors, delivering advanced cable solutions.

OUR STRENGTHS

9+ Years of Legacy

2+ Products Type

40+ Products

TRUSTED MANUFACTURER OF

- Cables
- Conductors
- Copper Rods

Technology Driven | Quality Assured | Customer Focused | Sustainable Solutions | Powering Progress Sustainably

www.gulixcable.com

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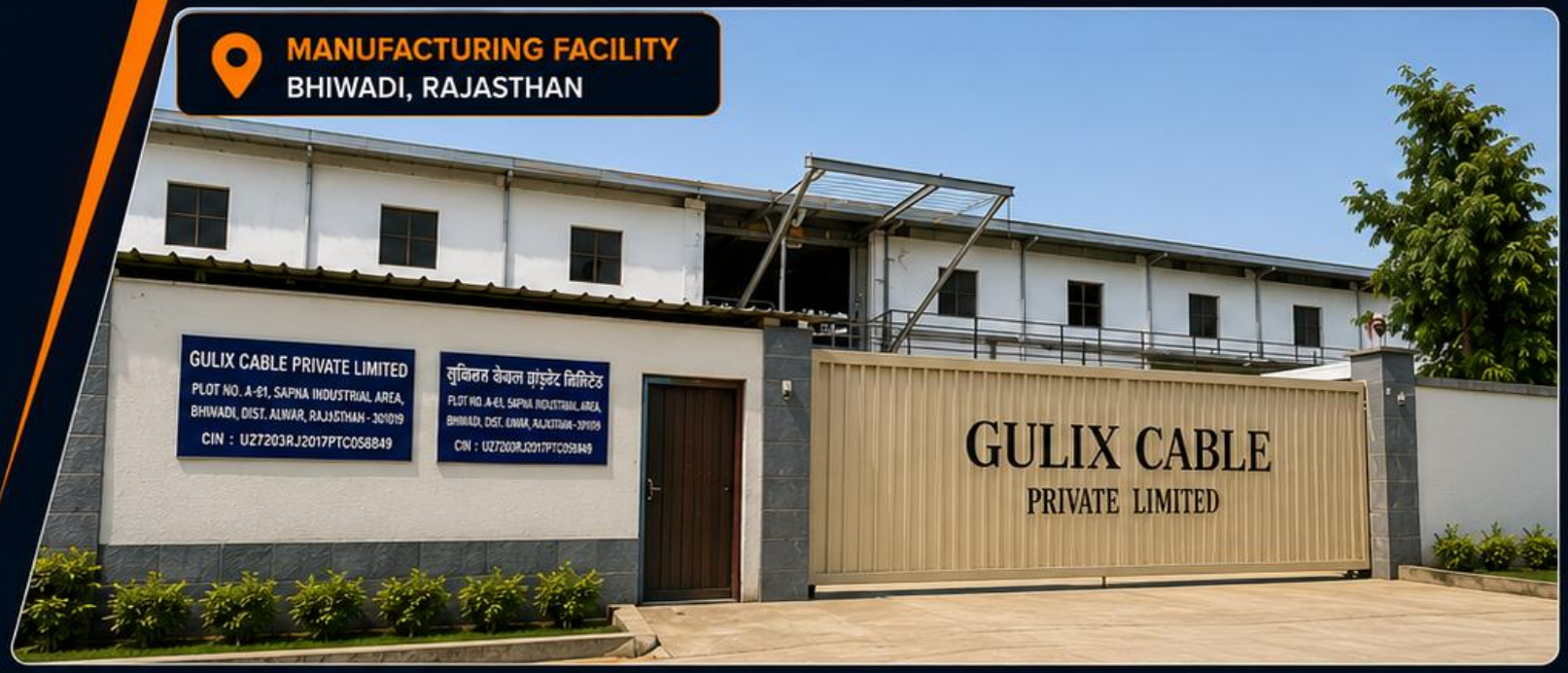
POWERING POSSIBILITIES

MANUFACTURING FACILITIES

- Vast experience in Cable manufacturing since **2017**.
- A vast manufacturing infrastructure of **50,000** Sq. Ft.
- Manufacturing Facility at **Bhiwadi, Rajasthan**

Our Product Range Includes

all types of LV Cables, Control Cables, Instrumentation Cables, E-Beam Irradiated Cables, Railway Cables, Defence Cables.



Technology Driven | Quality Assured | Customer Focused | Sustainable Solutions | Powering Progress Sustainably

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New Cable Strategy

Modern data centers demand **high performance and efficiency** in their power distribution systems. Conventional copper solutions struggle with rising costs and supply limitations, necessitating a shift towards innovative, flexible **aluminium** cables that address current industry challenges while optimizing **lifecycle costs**.

- High Performance
- Operational Efficiency
- Lower Total Cost of Ownership
- Flexible & Future Ready

Powering Today.
Enabling Tomorrow.

GULIX **aluminium** cables – the smart choice for next-generation data center infrastructure.

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Copper Supply Challenge

The global demand for copper is surging due to renewable energy expansion and infrastructure modernization. However, **supply growth remains constrained**, potentially leading to pricing pressures and supply chain disruptions for cable manufacturers, impacting project costs and timelines.

RISING GLOBAL DEMAND

Driven by renewable energy and infrastructure growth.

SUPPLY GROWTH CONSTRAINED

Limited new mines, longer lead times, and regulatory challenges.

PRICING PRESSURES

Potential volatility impacting material costs.

SUPPLY CHAIN DISRUPTIONS

Risk of delays affecting project execution and delivery.

CHALLENGE TODAY. SOLUTIONS TOMORROW.

BUILDING RESILIENT CABLE SOLUTIONS FOR A STRONGER FUTURE.

THE WAY FORWARD

Driving innovation with **flexible aluminium cable solutions** to reduce dependency, optimize costs, and ensure reliability.

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Why Aluminium Cable?

Flexible **aluminium** cables are becoming crucial for **large-scale power infrastructure**, addressing challenges like weight and cost. Their efficient installation benefits data centers, providing a reliable alternative to copper solutions while ensuring supply continuity and optimized project costs.

LIGHTWEIGHT
Up to 50% lighter than copper, reducing structural load and costs.

COST-EFFECTIVE
Lower material cost with stable availability.

HIGH PERFORMANCE
Excellent conductivity with superior strength and durability.

RELIABLE & SAFE
Corrosion resistant and designed for long-term rellability.

BUILDING A STRONGER FUTURE

GULIX **Aluminium** Cables – Powering progress with innovation, efficiency, and sustainability.

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What GULIX Delivers

Gulix Cable Pvt Ltd specializes in **flexible aluminium cable constructions**, tailored specifically for data center applications. These cables combine **exceptional flexibility** and **thermal performance**, providing a reliable and efficient solution to meet modern power distribution needs while ensuring commercial competitiveness.

EXCEPTIONAL FLEXIBILITY

Easy installation in tight spaces and complex layouts.

SUPERIOR THERMAL PERFORMANCE

Optimized heat dissipation for enhanced system efficiency and safety.

RELIABLE & DURABLE

Built for high performance and long-term dependability.

COST-EFFICIENT SOLUTION

Lower total cost of ownership with reduced installation time.

ENGINEERED FOR MODERN INFRASTRUCTURE

Powering data centers today.
Building a sustainable tomorrow.

DESIGNED FOR DATA CENTERS

Meets the demands of high-density, high-uptime environments.

CONSISTENT QUALITY ASSURANCE

Stringent testing and quality control for uncompromised performance.

SUSTAINABLE BY CHOICE

Aluminium – the smart, sustainable alternative for the future.

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Flexible Aluminum Profile

This page highlights the **multi-wire flexible aluminium conductor** design, engineered for seamless installation in challenging layouts. With its lightweight construction, this cable optimizes routing and handling, making it ideal for power distribution applications within modern data center infrastructures.

LIGHTWEIGHT
Reduces overall cable weight for easy handling and faster installation.

FLEXIBLE DESIGN
Multi-wire construction ensures superior flexibility for complex routing and layouts.

HIGH CONDUCTIVITY
Aluminium conductor delivers excellent conductivity with thermal and layouts.

RELIABLE & DURABLE
Built for long-term performance and consistent power distribution.

BUILT FOR MODERN DATA CENTERS
Powering critical infrastructure with efficiency, reliability and future-ready performance.

OPTIMIZED PERFORMANCE
Ensures efficient power transmission with minimal losses.

SEAMLESS INSTALLATION
Designed for quick and hassle-free installation in tight spaces.

FUTURE READY
A sustainable and cost-effective alternative for modern power networks.

ENGINEERED FOR EXCELLENCE
Advanced design. Superior performance.

SUSTAINABLE CHOICE
Aluminium for a better tomorrow.

TRUSTED BY INDUSTRY LEADERS
Delivering reliability. Every time.

GULIX CABLE
POWERING POSSIBILITIES

Special 8176 Series

The **8176** series **aluminium** is engineered for **flexibility and performance**, utilizing a fine-wire construction that enhances handling in demanding installations. This innovative design supports high-flexibility applications, making it an ideal choice for modern data center power distribution needs.

FINE-WIRE CONSTRUCTION
Enhanced flexibility for easier handling and installation.

HIGH-FLEXIBILITY DESIGN
Built to perform in tight spaces and complex routing applications.

RELIABLE PERFORMANCE
Ensures consistent power distribution with minimal losses.

IDEAL FOR DATA CENTERS
Optimized for modern power distribution infrastructure.

BUILT FOR DEMANDING FUTURES

Engineered to deliver flexibility, durability, and efficiency where it matters most.

AI Premium **Aluminium** Conductor

Stronger Connections. **Smarter Solutions.**

ENGINEERED FOR EXCELLENCE
Advanced design. Superior performance.

SUSTAINABLE CHOICE
Aluminium for a better tomorrow.

TRUSTED BY INDUSTRY LEADERS
Delivering reliability. Every time.

GULIX
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Fine-Wire Advantage

Fine-wire flexible **aluminium** cables enhance installation efficiency in data centers by significantly improving bendability and handling. Technicians can easily navigate tight spaces, streamline routing, and achieve **clean cable management,** resulting in a more organized and effective electrical environment.

Superior Bendability
Easy to route in tight spaces without damage.

Easy Handling
Fine-wire construction ensures flexibility and ease of use.

Streamlined Routing
Simplifies installation and reduces routing time.

Clean Cable Management
Neat, organized setups for optimal performance.

Better Installation. Stronger Performance.

Fine-wire aluminium cables – engineered for modern data centers.

GULIX CABLE
POWERING POSSIBILITIES

Conventional XLPE Insulation

GULIX CABLE offers **flexible aluminium** cables featuring **conventional XLPE insulation** capable of withstanding **90 Degree C**, ensuring reliable performance for standard installations. This insulation type balances **cost efficiency** and compatibility, meeting the needs of customers while maintaining high standards of durability and functionality in various applications.

RELIABLE PERFORMANCE
Withstands 90°C for consistent and safe operation.

COST EFFICIENT
Optimized solution for standard installations.

HIGH COMPATIBILITY
Suitable for a wide range of systems and environments.

DURABLE & LONG-LASTING
Built to maintain performance and extend lifecycle.

TRUSTED QUALITY.
PROVEN SOLUTIONS.

Engineered for today.
Built for tomorrow.

GULIX
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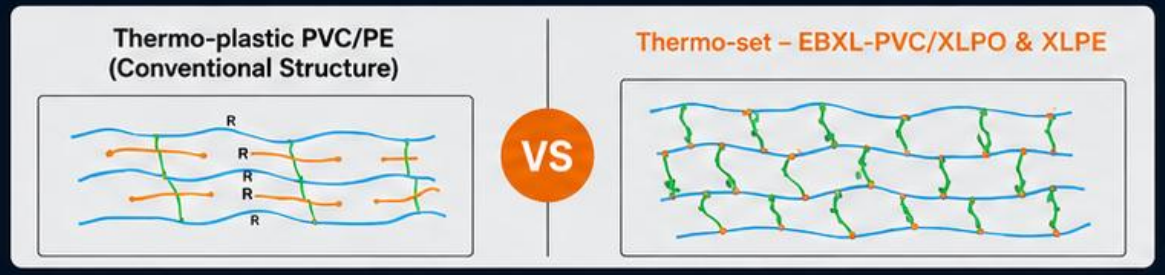
Advanced EB-XLPE Option

GULIX CABLE's EB-XLPE insulated flexible **aluminium** cables provide **enhanced thermal and electrical performance.** This innovative solution utilizes advanced electron beam crosslinking, resulting in superior insulation properties ideal for high-demand data center applications, ensuring reliability and efficiency in power distribution.



ENHANCED THERMAL PERFORMANCE
Withstands higher temperatures for reliable operation.

SUPERIOR ELECTRICAL PERFORMANCE
Higher insulation resistance and lower dielectric losses for efficient power delivery.

ADVANCED CROSSLINKING TECHNOLOGY
Electron beam crosslinking ensures uniform insulation and long-term reliability.

HIGH INSULATION RELIABILITY
Excellent resistance to environmental stress, moisture, and chemicals.

IDEAL FOR DATA CENTERS
Designed for high-demand applications requiring maximum uptime.

POWERING CRITICAL INFRASTRUCTURE
Engineered for performance. Built for the future.

GULIX CABLE
POWERING POSSIBILITIES

E-BEAM BENEFITS

The **electron beam crosslinking process** creates superior insulation by enhancing the polymer network's strength and stability. This innovation significantly improves thermal endurance and performance, ensuring that flexible **aluminium** cables meet the rigorous demands of high-reliability applications in data centers.

KEY BENEFITS

SUPERIOR THERMAL ENDURANCE
Withstands higher temperatures for reliable performance.

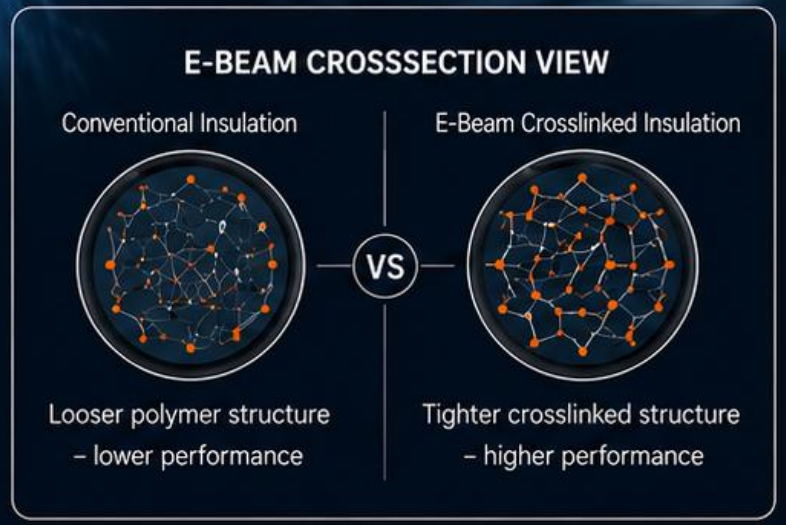
ENHANCED MECHANICAL STRENGTH
Stronger polymer network improves durability and resistance to wear.

EXCELLENT ELECTRICAL PERFORMANCE
Low dielectric loss and high insulation resistance ensure signal integrity.

CHEMICAL & ENVIRONMENTAL RESISTANCE
Resists moisture, chemicals, and harsh environmente for long-term reliability.

LONGER SERVICE LIFE
Reduced aging and degradation for extended cable lifespan.

E-BEAM CROSSSECTION VIEW



ADVANCED. RELIABLE. BUILT FOR TOMORROW.

E-beam crosslinked aluminium cables for mission-critical data center performance.

GULIX CABLE
POWERING POSSIBILITIES

Temperature Capacity

The **EB-XLPE** insulation enables cables to withstand temperatures up to **120°C**, significantly enhancing thermal endurance. This feature ensures better **overload resilience** and greater safety margins in critical environments, providing essential reliability and performance for demanding data center applications.

HIGH TEMPERATURE TOLERANCE
Withstands continuous temperatures up to 120°C for reliable operation.

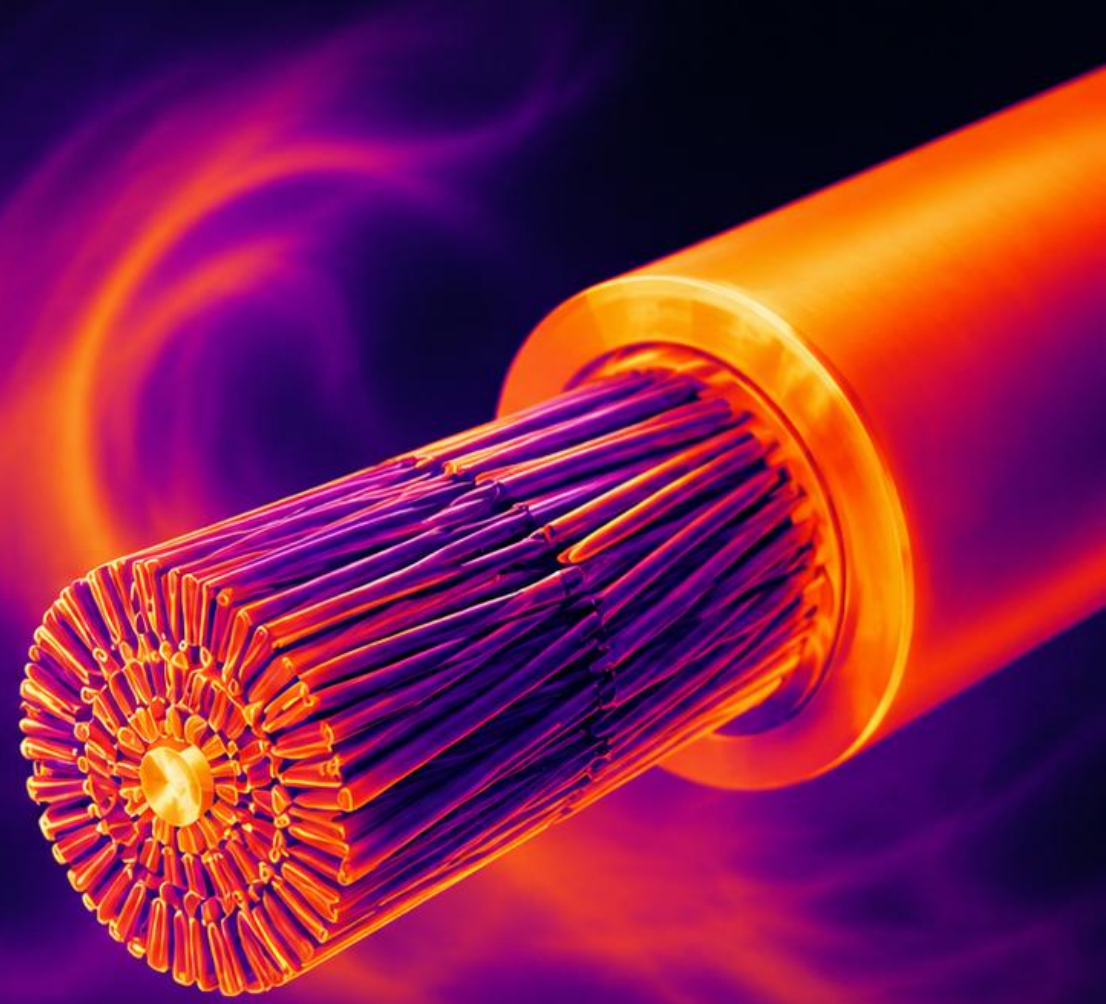
ENHANCED THERMAL ENDURANCE
Maintains insulation integrity even under prolonged heat stress.

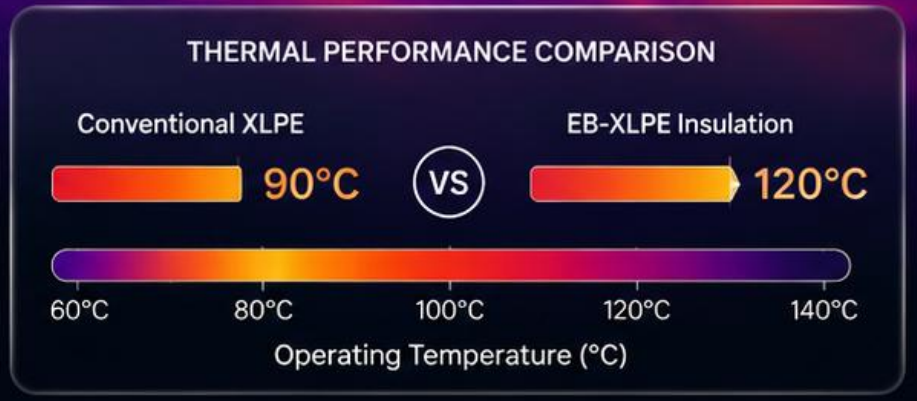
SUPERIOR OVERLOAD RESILIENCE
Handles higher loads without compromising performance or safety.

GREATER SAFETY MARGINS
Provides dependable protection in critical environments and high-demand applicatioes.

ENGINEERED FOR RELIABILITY.
BUILT FOR HIGH-PERFORMANCE DATA CENTERS.

EB-XLPE insulation for unmatched thermal capacity and long-term performance.





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80% increase in current capacity

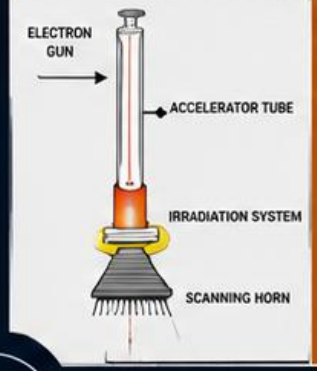
Enhanced performance of aluminium cables

ELECTRON BEAM CROSS LINKING PROCESS

1. An Electron Gun is housed in a thick vessel where electrons are accelerated in an acceleration tube & directed to a scanning device magnetically to scan

2. Highly accelerated electrons penetrates insulation or sheath of cables

4. Electron beam irradiated cables and wires offer superior performance as compared to conventional PVC or XLPE cables



5. The cables are passed under the beam through a set of under beam equipment

7. Generates carbon radicals which cross links polymer chains of plastic three dimensionally with each other

HIGHER CAPACITY
Up to 80% increase in current carrying capacity

BETTER THERMAL PERFORMANCE
Withstands higher temperatures for reliable operation

IMPROVED EFFICIENCY
Lower energy losses and optimized power distribution

ENHANCED RELIABILITY
Stronger insulation ensures long-term durability and safety

80%

Flexible Aluminium cables cross linked by Electron Beam Technology offer an **80% increase** in current carrying capacity compared to conventional wire solutions, enhancing efficiency in data center power distribution.

GULIX CABLE
POWERING POSSIBILITIES

Near-Copper Advantage

The near-copper ampacity advantage of flexible **aluminium** cables cross linked with E-Beam technology positions them as a competitive alternative to conventional copper solutions. This technology enables **comparable performance** with significant cost benefits, particularly in high-demand environments like data centers, ensuring efficient power distribution.

AMPACITY COMPARISON

COPPER CABLE	VS	E-BEAM CROSS LINKED ALUMINIUM CABLE
100%		95–100%

UP TO **100%** AMPACITY OF COPPER CABLES

COST ADVANTAGE
Lower material cost compared to copper cables.

COMPARABLE PERFORMANCE
Near-copper ampacity ensures reliable power delivery.

HIGH THERMAL ENDURANCE
E-Beam crosslinking enhances heat resistance and stability.

RELIABLE & DURABLE
Built for critical environments like data centers.

SUSTAINABLE CHOICE
Aluminium is lightweight, recyclable and more sustainable.

GET NEAR-COPPER PERFORMANCE WITH SMARTER ECONOMICS.

E-Beam cross linked aluminium cables – The power of copper, the value of aluminium.

GULIX CABLE
POWERING POSSIBILITIES

Weight Advantage

The lightweight nature of flexible **aluminium** cables significantly eases handling and installation. This facilitates **faster routing** and reduces the physical strain on technicians, making it an ideal solution for extensive cabling runs in large data center environments.

LIGHTWEIGHT MATERIAL

Aluminium cables are up to **50%** lighter than copper cables.

FASTER INSTALLATION

Easier to handle, allowing **quicker** cable routing.

REDUCED PHYSICAL STRAIN

Less effort required, reducing **fatigue** and risk of injury.

IDEAL FOR LONG RUNS

Perfect for **extensive** cebling in large data centers.

ENHANCED EFFICIENCY

Improved handling leads to **better** project efficiency.

LIGHTER CABLES. EASIER HANDLING.
BETTER PERFORMANCE.

Flexible **aluminium** cables designed for modern data centers where every advantage counts.

GULIX CABLE
POWERING POSSIBILITIES

Commercial Advantages

The transition to flexible **aluminium cables** offers significant **cost optimization** for data centers. By reducing reliance on volatile copper pricing and enhancing procurement stability, GULIX CABLE solutions create a scalable approach to managing project budgets effectively in this evolving market.

LOWER TOTAL COST
Reduced material cost and installation expenses.

PROCUREMENT STABILITY
Insulated from volatile copper price fluctuations.

BUDGET PREDICTABILITY
Improved forecasting and cost control throughout projects.

SCALABLE SOLUTIONS
Flexible aluminium cables support easier scalability for future expansion.

LONG-TERM VALUE
Enhanced efficiency and durability deliver sustained savings.

BUILT FOR TODAY.
READY FOR TOMORROW.

Delivering **economic efficiency** without compromising performance and reliability.

SMARTER CHOICE.
STRONGER BUSINESS CASE.

Flexible aluminium cables by GULIX CABLE drive cost optimization and long-term value for data centers.

REDUCE COSTS
Optimize project budgets

MANAGE RISK
Minimize price volatility impact

IMPROVE EFFICIENCY
Streamline market access & installation

DRIVE GROWTH
Invest in what matters most

GULIX CABLE
POWERING POSSIBILITIES

Performance Comparison

Cost Efficiency

Flexible aluminium cables offer lower material costs compared to copper, optimizing overall project budgets.

Weight Advantage

Aluminium cables are significantly lighter, simplifying installation and reducing structural support requirements in data centers.

LIGHTER. SMARTER. STRONGER.
GULIX Aluminium Cables
Delivering superior performance with greater efficiency.

GULIX CABLE
POWERING POSSIBILITIES

Application Areas

Flexible **aluminium** cables play a critical role in **power distribution networks** within data centers. They efficiently support main feeders, UPS systems, and backup interconnections, ensuring reliable power flow while optimizing space usage and thermal performance in high-demand environments.

MAIN FEEDERS
Reliable power transmission for high-capacity data center loads.

UPS SYSTEMS
Ensure uninterrupted power with efficient and stable connectivity.

BACKUP INTERCONNECTIONS
Supports critical backup systems during power outages.

SPACE OPTIMIZATION
Flexible design allows better routing in tight and complex spaces.

THERMAL PERFORMANCE
Enhanced heat dissipation for efficient operation in high-density environments.

IDEAL FOR

- DATA CENTERS
- ENTERPRISE FACILITIES
- INDUSTRIAL INSTALLATIONS
- CLOUD & COLOCATION ENVIRONMENTS

FLEXIBLE. RELIABLE. EFFICIENT.
BUILT FOR MODERN DATA CENTERS.

GULIX **aluminium** cables deliver dependable performance across every critical application.

GULIX CABLE
POWERING POSSIBILITIES

GULIX Advantage

GULIX CABLE India Ltd boasts a **strong manufacturing base** combined with extensive cable domain expertise. Our **advanced e-beam technology** enables us to deliver both conventional and innovative insulation options tailored to customer needs, establishing ourselves as a leading solution provider for modern data center infrastructure.

STRONG MANUFACTURING BASE
State-of-the-art facilities ensuring consistent quality and reliability.

EXTENSIVE CABLE DOMAIN EXPERTISE
Deep industry knowledge to design and deliver high-performance cable solutions.

ADVANCED E-BEAM TECHNOLOGY
Superior crosslinking for enhanced thermal, electrical and mechanical performance.

CUSTOMIZED SOLUTIONS
Innovative insulation options tailored to diverse application requirements.

TRUSTED PARTNER FOR DATA CENTERS
Delivering reliable, efficient and future-ready infrastructure solutions.

ENGINEERED FOR PERFORMANCE.
BUILT ON TRUST.

GULIX CABLE combines innovation, quality and commitment to power the future of data centers.

20+ YEARS
Industry Experience

500+ SATISFIED CUSTOMERS
Across Industries

PAN-INDIA PRESENCE
Strong Network. Faster Support.

QUALITY ASSURED
Tested. Certified. Trusted.

FUTURE READY
Solutions for Next-Gen Infrastructure

GULIX
CABLE
POWERING POSSIBILITIES

GULIX Solutions

The GULIX Data Center Solution offers flexible **aluminium** cables designed for modern power needs, combining **performance, reliability, and cost-effectiveness.** This innovative approach ensures optimized capacity and flexibility, positioning GULIX as a leading choice in the evolving data center landscape.

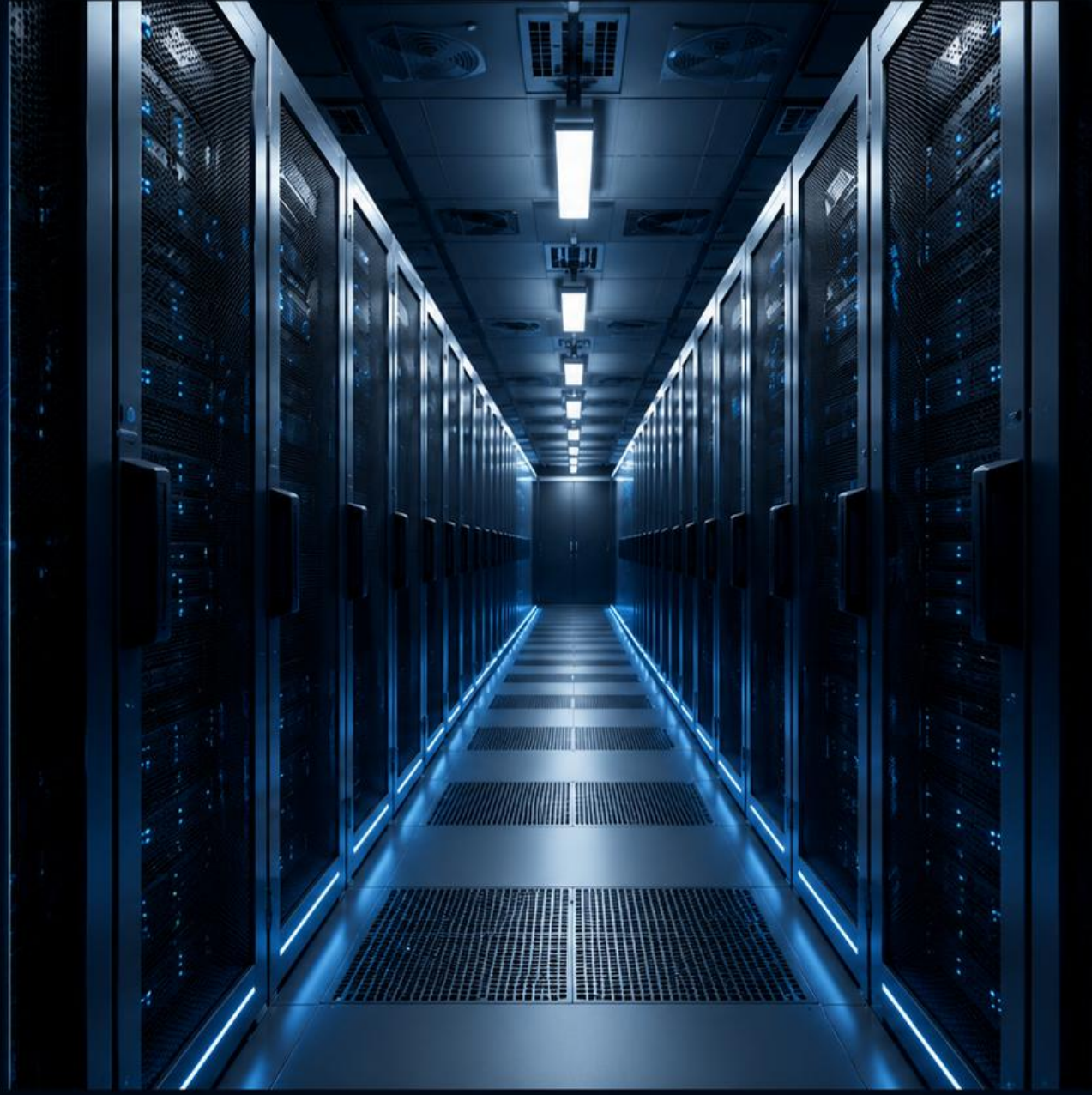
HIGH PERFORMANCE
Superior conductivity ensures efficient power delivery.

RELIABLE & SAFE
Engineered for maximum reliability and operational safety.

COST-EFFECTIVE
Lower material costs for optimized project budgets.

FLEXIBLE DESIGN
Easy routing and installation in complex layouts.

THERMAL EFFICIENCY
Enhanced heat management for peak performance.



POWERING DATA CENTERS TODAY.
READY FOR TOMORROW.

GULIX aluminium cables deliver trusted performance for a connected future.

OPTIMIZED CAPACITY
Supports higher loads with efficient power flow.

SCALABLE SOLUTIONS
Built to adapt to your growing infrastructure.

SUSTAINABLE CHOICE
Aluminium cables for a greener tomorrow.

TRUSTED PARTNER
Delivering quality, innovation and long-term value.

GULIX CABLE
POWERING POSSIBILITIES

GULIX Solutions

The GULIX Data Center Solution offers flexible **aluminium cables** designed for modern power needs, combining **performance, reliability,** and **cost-effectiveness.** This innovative approach ensures optimized capacity and flexibility, positioning GULIX as a leading choice in the evolving data center landscape.

FIRE SURVIVAL
Maintains circuit integrity for critical operations during fire.

HIGH RELIABILITY
Engineered for maximum safety and performance consistency.

DATA CENTER READY
Ideal for power distribution in mission-critical environments.

COMPLIANCE DRIVEN
Meets stringent international fire performance standards.

OPTIMIZED PERFORMANCE
Ensures better thermal stability and long-term operational safety.

POWER THAT **SURVIVES.**
SYSTEMS THAT **PROTECT.**

POWERING DATA CENTERS TODAY.
READY FOR TOMORROW.

GULIX **aluminium** cables deliver trusted performance for a connected future.

ENGINEERED TO PROTECT. BUILT TO PERFORM.

LSZH OUTER SHEATH
Low smoke, zero halogen for enhanced safety.

FIRE BARRIER TAPE
Provides superior fire resistance and circuit integrity.

COPPER CONDUCTORS
High conductivity for efficient power delivery.

INSULATION
Specially formulated compound for thermal and electrional stability.

TESTED. CERTIFIED. TRUSTED.

- IEC 60331 — Fire Survival
- IEC 60754 — Low Smoke, Zero Halogen
- IEC 61034 — Low Smoke Emission

WHY CHOOSE GULIX FS CABLES?

LIFE & ASSET PROTECTION
Minimizes risk and protects lives and valuable infrastructure.

BUSINESS CONTINUITY
Ensures uninterrupted operations even in critical fire conditions.

COST-EFFECTIVE SOLUTIONS
Reduces downtime costs and supports smarter investments.

SUSTAINABLE BY DESIGN
LSZH design supports a safer and greener data center future.

EXPERTISE YOU CAN RELY ON
Backed by GULIX's legacy, innovation and commitment.

STRONG BY DESIGN.
SAFE BY PERFORMANCE.

FS CABLES BY GULIX
Powering Critical Connections.
Protecting What Matters Most.

Reliable Power | Maximum Safety | Proven Quality | Future Ready

GULIX CABLE
POWERING POSSIBILITIES

CAT 6 & CAT 6A CABLES BY GULIX

CONNECTING PERFORMANCE. POWERING DATA CENTERS.

GULIX Cat 6 and Cat 6A cables are engineered to deliver **high-speed, reliable**, and interference-free connectivity for today's data center networks. Built to support gigabit performance and future-ready applications, our cables ensure seamless data transmission, reduced downtime, and maximum network efficiency.

BUILT FOR SPEED.
DESIGNED FOR
RELIABILITY.

HIGH SPEED PERFORMANCE
Supports up to 10 Gbps (Cat 6A) and 1 Gbps (Cat 6) performance.

RELIABLE CONNECTIVITY
Stable transmission with minimal signal loss and crosstalk.

FUTURE READY
Ideal for PoE, IP devices, VoIP, and high-density networking.

DATA CENTER OPTIMIZED
Built with high-grade materials and 100% and 24/7 operations.

IDEAL FOR

DATA CENTERS
High-density network connectivity

ENTERPRISE NETWORKS
Seamless business operations

IP SURVEILLANCE
Reliable video & data transmission

VOIP & UNIFIED COMMUNICATIONS
Clear voice, consistent performance

WIRELESS ACCESS POINTS
Stable high-speed connections

STRUCTURED CABLING SYSTEMS
Organized, efficient & future-ready

SPECIFICATIONS

CAT 6 CABLE

- Bandwidth: 250 MHz
- Data Rate: Up to 1 Gbps
- Standard: ANSI/TIA-568.2-D
- Conductor: 23/24 AWG Bare Copper
- Jacket: LSZH / PVC
- Application: Gigabit Ethernet, PoE (PoE+), IP Cameras, VoIP

CAT 6A CABLE

- Bandwidth: 500 MHz
- Data Rate: Up to 10 Gbps
- Standard: ANSI/TIA-568.2-D
- Conductor: 23 AWG Bare Copper
- Jacket: LSZH / PVC
- Application: 10G Ethernet, Data Centers, High-Speed Networking

LSZH JACKET
Low smoke, zero halogen for enhanced safety.

FLAME RETARDANT
Meets IEC 60332-1 standards for fire safety.

RoHS COMPLIANT
Environment friendly and safe for all installations.

WHY CHOOSE GULIX CAT 6 & CAT 6A CABLES?

TRUSTED QUALITY
Manufactured with precision and strict quality control.

CONSISTENT PERFORMANCE
Ensures uninterrupted connectivity for critical business operations.

COST-EFFECTIVE SOLUTIONS
High performance at competitive value.

NATIONWIDE SUPPORT
Strong supply chain and technical support across India.

FUTURE-READY INFRASTRUCTURE
Built to support evolving network demands.

STRONG CONNECTIONS. STRONGER FUTURE.

GULIX Cat 6 & Cat 6A Cables – Delivering Speed, Reliability & Peace of Mind for Modern Data Centers.

High Speed | Reliable | Quality | Sustainable

GULIX CABLE
POWERING POSSIBILITIES

GULIX FS CABLE

FIRE SURVIVAL CABLE FOR MISSION-CRITICAL INFRASTRUCTURE.

Engineered for data centers where continuity is critical, GULIX FS (Fire Survival) Cables are designed to maintain circuit integrity during fire conditions, safeguarding life, protecting assets, and ensuring uninterrupted operations.

DESIGNED TO WITHSTAND. BUILT TO DELIVER.

FIRE SURVIVAL
Maintains circuit integrity for critical operations during fire.

HIGH RELIABILITY
Engineered for maximum safety and performance consistency.

DATA CENTER READY
Ideal for resilient distribution in mission-critical environments.

COMPLIANCE DRIVEN
Meets stringent international fire performance standards.

OPTIMIZED PERFORMANCE
Ensures better thermal stability and long-term operational safety.

POWER THAT SURVIVES. SYSTEMS THAT PROTECT.
Trusted performance for today's critical infrastructure and tomorrow's challenges.

TESTED. CERTIFIED. TRUSTED.

- IEC 60331 Fire Survival
- IEC 60754 Low Smoke, Zero Halogen
- IEC 61034 Low Smoke Emission

GULIX CABLE
POWERING POSSIBILITIES

BUILT TO PROTECT. ENGINEERED TO PERFORM.

LSZH OUTER SHEATH
Low smoke, zero halogen for enhanced safety.

FIRE BARRIER TAPE
Provides superior fire resistance & circuit integrity.

COPPER CONDUCTORS
High conductivity for efficient power delivery.

INSULATION
Specially formulated compound for thermal & electrical stability.

WHY CHOOSE GULIX FS CABLES?

LIFE & ASSET PROTECTION
Minimizes risk and protects lives and valuable infrastructure.

BUSINESS CONTINUITY
Ensures uninterrupted operations even in critical fire conditions.

COST-EFFECTIVE SOLUTIONS
Reduces downtime, costs and supports smarter investments.

SUSTAINABLE BY DESIGN
Built to align supports a safer and greener data center future.

EXPERTISE YOU CAN RELY ON
Backed by advanced legacy, innovation and commitment.

IDEAL FOR MISSION-CRITICAL APPLICATIONS

- DATA CENTERS
- COLOCATION FACILITIES
- POWER DISTRIBUTION NETWORKS
- EMERGENCY & ESCAPE SYSTEMS
- FIRE ALARM & DETECTION SYSTEMS
- LIFE SAFETY & SECURITY SYSTEMS

STRONG BY DESIGN. SAFE BY PERFORMANCE.

GULIX FS Cables deliver trusted performance when it matters most.

- Reliable Power
- Maximum Safety
- Proven Quality
- Future Ready

GULIX
CABLE
POWERING POSSIBILITIES

SUPER FLEXIBLE. BUILT FOR EASY ROUTING & INSTALLATION.

5C X 16 & 5C X 25 Sq.mm SUPER FLEXIBLE CABLES

CONNECTING PDU TO RACKS.

Engineered for high-performance power distribution in modern data centers. GULIX 5C cables provide reliable, safe, and efficient connectivity from PDU to racks with superior flexibility for easy installation and long-term dependability.

COPPER CLASS 5 CONDUCTOR
Extra flexible stranded copper for maximum conductivity & flexibility.

SAFE & RELIABLE
PVC insulation & LSZH jacket for enhanced safety and performance.

LOW SMOKE ZERO HALOGEN
LSZH jacket reduces smoke, toxic fumes & halogen emissions.

HIGHLY FLEXIBLE
Designed for tight bending, easy routing & hassle-free installations.

IDEAL FOR DATA CENTERS
Perfect for power distribution from PDU (Power Distribution Unit) to Racks.

TECHNICAL SPECIFICATIONS

Cable Type	:	5C X 16 SQ.MM / 5C X 25 SQ.MM
Conductor	:	Annealed Copper, Class 5 (Flexible)
Construction	:	5 Core
Conductor Size	:	16 Sq.mm / 25 Sq.mm
Insulation	:	PVC (Polyvinyl Chloride)
Outer Jacket	:	LSZH (Low Smoke Zero Halogen)
Rated Voltage	:	1000 V / 1100 V AC
Temperature Range	:	-15°C to +70°C
Bend Radius	:	6 x Overall Diameter (Static) 12 x Overall Diameter (Dynamic)
Color Code	:	Brown, Black, Grey, Blue, Green/Yellow (Earth)
Application	:	Power distribution from PDU to Racks
Standards	:	IS 694 / IEC 60228 / IEC 60502-1 / IEC 60332-1 / IEC 61034-1 / IEC 60754

5C X 16 SQ.MM

5C X 25 SQ.MM

BUILT FOR PERFORMANCE. DESIGNED FOR DATA CENTERS.

- High flexibility for easy routing in confined spaces
- Excellent electrical performance & long service life
- Flame retardant, low smoke & zero halogen jacket
- Resistant to abrasion, moisture & most chemicals
- Reliable power delivery for critical infrastructure

PDU
(Power Distribution Unit)

RACKS
(Servers & IT Equipment)

FLAME RETARDANT

LOW SMOKE ZERO HALOGEN

O_2 OXYGEN INDEX ≥ 29%

HIGHLY FLEXIBLE

ROHS COMPLIANT

REACH COMPLIANT

POWERING RELIABILITY.
CONNECTING POSSIBILITIES.

GULIX
CABLE
POWERING POSSIBILITIES

Thank You!

FOR YOUR TIME AND CONSIDERATION.

At GULIX CABLE, we are committed to delivering high-quality, innovative cable solutions that power the future of data centers and critical infrastructure.

RELIABLE PERFORMANCE
Built for critical applications.

ENGINEERED FOR EXCELLENCE
Advanced technology and strict quality standards.

SUSTAINABLE BY CHOICE
Powering progress with responsible solutions.

CUSTOMER FOCUSED
Delivering value through commitment and partnership.

LET'S CONNECT
AND BUILD A STRONGER FUTURE TOGETHER.

We look forward to addressing your requirements and providing the right solutions for your needs.

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