



EMPOWERING INDIA'S
DIGITAL
INFRASTRUCTURE

www.genius-net.com



Net Gen Innovations Private Limited, operating under the brand name Genius Network, was established in 2013 by a team of seasoned engineers with over 20 years of industry expertise.

As an OEM, Genius Network designs, develops, and delivers high-quality structured cabling systems, data centre infrastructure, and enterprise networking solutions. Our products are built with technical precision and engineered to meet global standards, ensuring superior performance, scalability, and reliability.

We empower businesses across multiple sectors—including IT & Telecom, Healthcare, Education, Smart Cities, Banking, Financial Services & Insurance (BFSI), Manufacturing, Data Centres, and Government institutions—through innovative and future-ready technology.



Management

At Genius Network, our foundation is strengthened by a team of seasoned professionals, engineers, and domain experts who bring decades of combined experience from leading OEMs in the networking and infrastructure industry. This diverse expertise allows us to integrate best practices, innovative engineering, and global standards into every product we design and deliver.

Our team's 20+ years of hands-on industry experience ensures that every solution is not only technically sound but also strategically aligned with the evolving needs of enterprises, data centres, and smart infrastructure projects. With backgrounds spanning copper and fibre solutions, structured cabling systems, and data centre technologies, our professionals channel their collective knowledge to create products that are reliable, scalable, and future-ready.

Beyond engineering excellence, what drives our team is a shared commitment to customer success. Every project we deliver is guided by precision, efficiency, and innovation—empowering our partners and clients to build stronger, smarter, and more resilient digital networks.



We empower businesses across multiple sectors

IT & Telecom, Healthcare, Education, Smart Cities, Banking, Financial Services & Insurance (BFSI), Manufacturing, Data Centres, and Government institutions—through innovative and future-ready technology.

With a strong global presence and strategic industry partnerships, Genius Network has emerged as a trusted OEM brand, enabling organizations to build robust, high-performance networks.

We also proudly support the 'Make in India' initiative, offering products manufactured with uncompromised quality, designed in India for the world. Every project reflects our commitment to innovation, dependability, and shaping the digital infrastructure of tomorrow.

Our Core Values



Engagement

Building strong, collaborative partnerships with our clients.



Transparency

Fostering openness and trust in all our interactions.



Agility

Rapidly adapting to evolving technological needs and market demands.



Innovation

Continuously driving technological excellence and pioneering new solutions.

Industries

At Genius Network Private Limited, we understand that each industry has unique requirements in relation to connectivity. We offer custom solutions in structured cabling and passive networking solutions that are intended to meet industry specific regulatory requirements and operational challenges across various sectors. We offer reliable, compliance-driven solutions aligned with global standards and Digital India goals.



IT & Telecom

Comprehensive infrastructure solutions for telecom service providers that help with 5G rollouts, fibre optic networks.



Education

Networking solutions for all campuses of universities, schools, and research institutions that make digital learning possible.



Data Centres & Cloud

High-performance passive infrastructure for hyperscale data centres, colocation facilities, and edge computing deployments.



Healthcare

A reliable network infrastructure that supports telemedicine, digital imaging, and healthcare information systems.



Smart Cities

Smart cities digital infrastructure that is seamless, scalable, and resilient to enable efficient governance, public services.



Government

Secure and robust communication networks for government facilities and defence applications for digital India initiatives.



Banking & Financial

This sector needs network infrastructure that is completely secure, always available, and compliant.



Manufacturing

Network setup is designed for durability and automation compatibility.

Solutions



Data Centre Solutions

Our Data Centre solutions are designed for high-density environments where maximum uptime, high-speed data transmission, and operational efficiency are critical. As an OEM, we provide end-to-end structured cabling and connectivity solutions optimized for hyperscale data centres, enterprise server rooms, and high-performance computing environments.



Enterprise Structured Cabling Solutions

Enterprise networks demand secure, flexible, and high-performance infrastructure to support voice, data, video, and cloud services. As an OEM, we deliver end-to-end structured cabling and connectivity solutions designed for rapid deployment, long-term scalability, and reliable performance.



IOT and Automation Cabling

Genius Network delivers high-end IoT and Automation cabling systems built for performance, reliability, and scalability. Our solutions provide a robust backbone for seamless data, voice, and video communication across modern workplaces.



FTTX Solutions

FTTX (Fibre to the X) encompasses a family of network architectures that leverage optical fibre to deliver high-speed internet and digital services directly to homes, workplaces, commercial hubs, or interconnected nodes. As an OEM, we provide end-to-end FTTX infrastructure designed for superior performance, reliability, and scalability.



Industrial Structured Cabling Solutions

As an OEM, we provide ruggedized structured cabling solutions specifically engineered for demanding industrial environments. Our cables, connectors, and infrastructure components are designed to withstand dust, vibration, extreme temperatures, and electromagnetic interference (EMI), ensuring reliable and uninterrupted network performance in manufacturing, logistics, and automation settings.



Campus Connectivity

Genius Network provides integrated Fiber Optic and High-Speed Cabling Solutions for large campus environments — ensuring seamless connectivity across buildings, departments, and critical infrastructure. Our Fiber Backbone Networks are designed for high bandwidth, low latency, and future scalability, supporting data, voice, surveillance, and IoT applications over long distances.

Products

Data Centre Solutions

Transform your data centre with high-density, scalable infrastructure built for efficiency and reliability. Minimize downtime, maximize productivity, and stay ready for tomorrow's innovation.



Ultra High Density Panel

Panels serve as termination and distribution points for fibre or copper cabling in data centres.



Trunk Cable

Trunk cables are high-capacity, pre-terminated multi-fibre cables used for backbone cabling between racks or zones.



Fan Out Cable

A fan out cable converts cable with high number of fibres into individual connectors for easier connection to devices or patch panels.



High Density Cassette

A hybrid panel integrates both fibre optic and copper ports into a single rack-mounted unit.



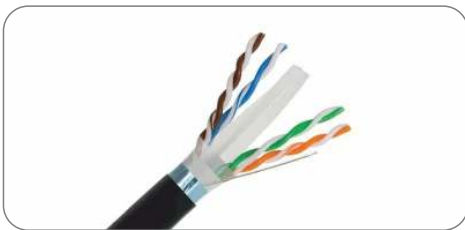
Patch Cord

A patch cord is a short-length cable used to connect active devices to patch panels or outlets.

Products

Copper Connectivity Solution

Power your business with copper cabling designed for ultimate reliability and performance. From Cat6 to Cat7, our solutions deliver lightning-fast speeds and superior EMI resistance, keeping your networks seamless and uninterrupted. Built to endure the toughest environments, our copper solutions give you the confidence to focus on growth, not downtime.



LAN Cable

Our copper cables are the backbone of reliable networks, widely used in structured cabling to transmit data, voice, and video across LANs.



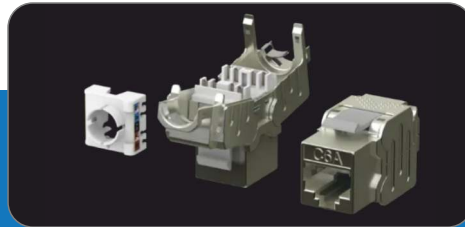
Patch Cable / Patch Cord

Our Patch Cables provide seamless connectivity between end devices—such as computers, phones, access points and network wall outlets.



Patch Panel

Our Patch Panels provide a centralized, organized hub for managing multiple copper cables within a structured cabling system.



Keystone Jack

Our Keystone Jacks are modular female connectors designed for wall outlets and patch panels, providing a secure termination point for copper cables.



Face Plate

A wall-mounted panel that houses one or more keystone jacks, providing a clean and professional finish.



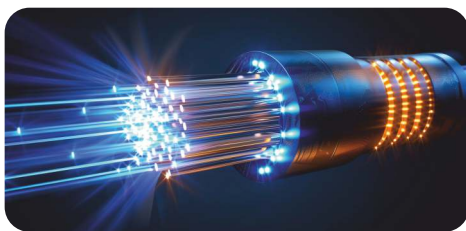
Field Termination Plug

The male connector at the end of a copper patch cord (typically an RJ45 plug). It inserts into keystone jacks or ports.

Products

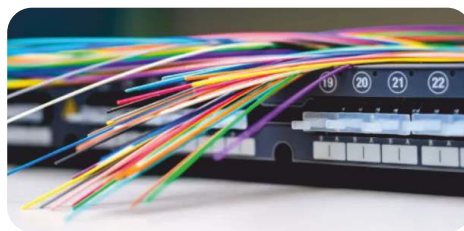
Fibre Optic Solutions

Experience the future of connectivity with our fibre optic solutions, engineered for speed, distance, and precision. Whether for enterprise, data centres, or broadband networks, our fibre ensures ultra-reliable, low-latency performance that keeps your digital operations ahead of the curve. Connect faster, scale smarter, and empower your business with a network that never compromises.



Fibre Optic Cables

Transmit data using light pulses through glass or plastic fibres. They are ideal for high-bandwidth, long-distance communication



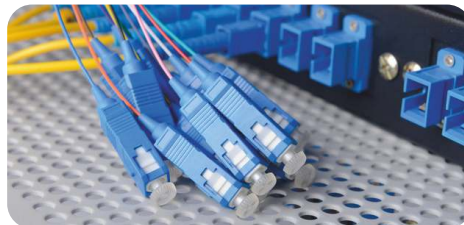
Fibre Patch Panel

It provides a clean interface for connecting and disconnecting fibre cables and comes as a rack-mounted or wall-mounted unit



Fibre Patch Cord

A short fibre cable with connectors on both ends used to connect active devices to fibre ports or panels.



Fibre Pigtails

These are short lengths of optical fibre manufactured with one end with a factory installed connector and the other end bare fibre, intended to be spliced into fibre optic cables.



Fibre Joint Enclosure

A Fibre Joint Enclosure provides secure housing for splicing and protecting optical fibre cables in FTTX, data centre, and telecom networks

Products

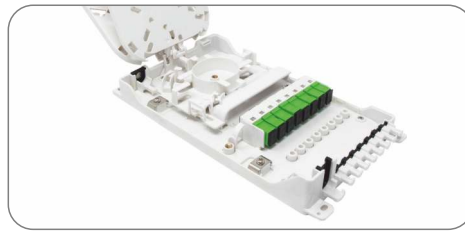
FTTX Solution

FTTX (Fibre to the X) encompasses a family of network architectures that leverage optical fibre to deliver high-speed internet and digital services directly to homes, workplaces, commercial hubs, or interconnected nodes. As an OEM, we provide end-to-end FTTX infrastructure designed for superior performance, reliability, and scalability.



FTTH Drop Cables

These are low-diameter, flexible optical fibre cables that connect the main fibre line to individual homes or businesses



Fibre Access Terminal Boxes

These enclosures distribute and manage optical fibres from the feeder cable to drop cables.



Optical Termination Boxes (OTBs)

OTBs are simple boxes that house, organise, and terminate fibre optic cables at the customer premises.



PLC Splitters

Planar Lightwave Circuit splitters divide a single fibre input into multiple outputs, enabling one fibre to serve many subscribers



Fibre Patch Panels

These units provide centralised points for splicing, terminating, and managing fibre connections in FTTX systems.



CPE Interface Modules

These modules connect customer premises equipment like Optical Network Terminals (ONTs) to the fibre network.

Certifications

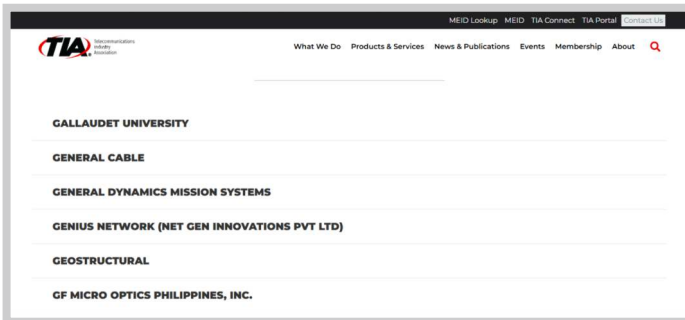
Quality & Environmental Policy Certifications



Product Certificates Performance & Safety



A Look At Our Associations, Memberships & Credentials



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