



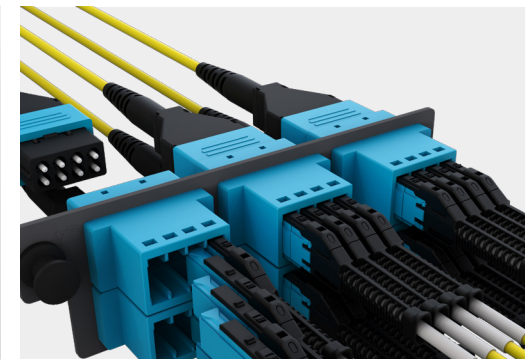
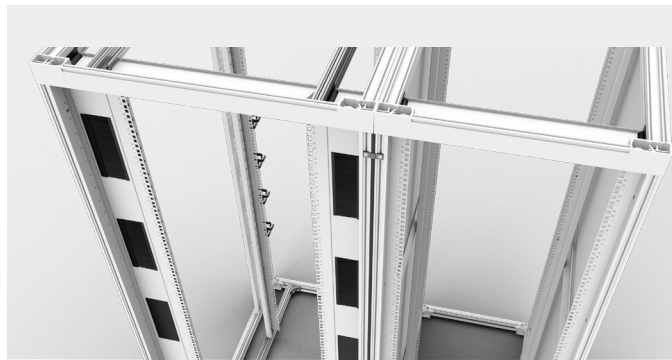
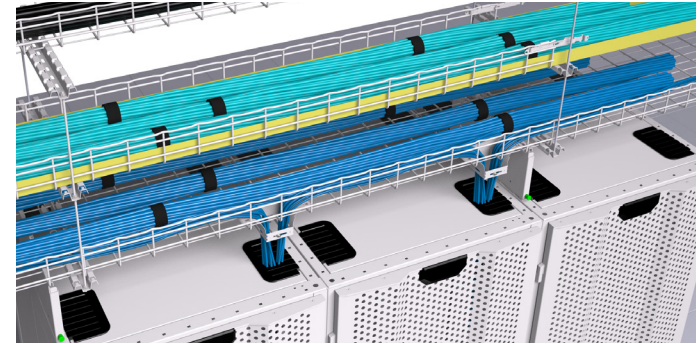
EDITION 2024

LEGRAND DATA CENTER SOLUTIONS



RELIABLE, EFFICIENT, SCALABLE

designed to be better.™



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LEGRAND - YOUR COMPETITIVE EDGE

At Legrand, we're on a mission to provide you with solutions that are simply ingenious, born out of years of innovation and customization. Each of our brands has a proven legacy of producing the technological breakthroughs that have shaped and reshaped the data, power, and control landscape for mission-critical facilities. Take advantage of our deep engineering expertise and the reliability of our solutions to power your vision. At Legrand, we consultatively work with you and leverage our operations to find or customize a solution that will meet your needs.

CORPORATE SOCIAL RESPONSIBILITY

AN ESSENTIAL INGREDIENT IN LEGRAND'S GROWTH

Directly integrated into Legrand's activity, Corporate Social Responsibility (CSR) is an essential ingredient in Legrand's growth. Situated at the crossroads between its business, its strategy, and the global challenges the Group faces, it involves the whole organization; all of the subsidiaries and entities are stakeholders in this CSR strategy, which they implement worldwide.

THREE FOCAL AREAS

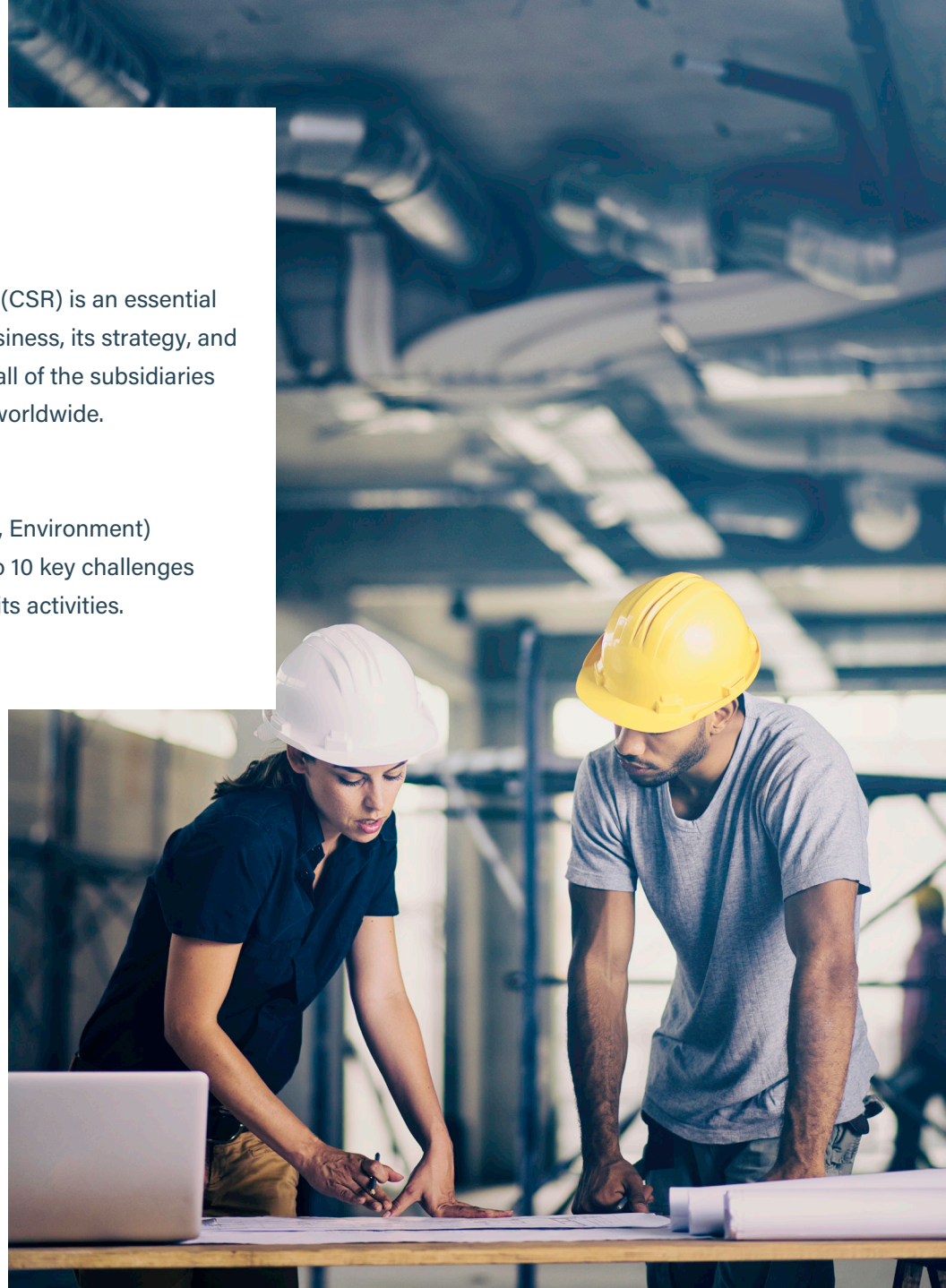
Legrand's CSR is based on three focal areas (Business ecosystem, People, Environment) that guide and structure its commitments. The focal areas break down into 10 key challenges that take priority for both Legrand's stakeholders and the development of its activities.

10 KEY CHALLENGES

- Act ETHICALLY
- Ensure SUSTAINABLE PROCUREMENT
- Respect HUMAN RIGHTS AND COMMUNITIES
- Provide SUSTAINABLE SOLUTIONS
- Promote EQUALITY OF OPPORTUNITY AND DIVERSITY
- Promote HEALTH, SAFETY, AND WELL-BEING AT WORK
- Develop SKILLS
- Combat POLLUTION
- Innovate for a CIRCULAR ECONOMY
- Limit GREENHOUSE GAS EMISSION

Learn more about Legrand's Corporate Responsibility:

www.legrand.us/about-us/sustainability



A GLOBAL PLAYER

Legrand is the global specialist in electrical and digital building infrastructures. We offer a comprehensive range of solutions and services tailored to residential, commercial and industrial markets. The scope of its offering and its leading positions make Legrand a worldwide benchmark.

CONTINUOUS INNOVATION
5% OF SALES
DEDICATED TO R&D EVERY YEAR

AN ACTIVE INTERNATIONAL PRESENCE
ESTABLISHED IN OVER
90 COUNTRIES

REDUCTION IN CO2 EMISSIONS
-28% OVER 3 YEARS
(CONSTANT)

TOTAL GROWTH IN SALES 2022
TURNOVER ~8B€

OVER 38,000
EMPLOYEES IN 2022

CSR ACHIEVEMENT RATE IN 2022
131%

SALES IN CLOSE TO
180 COUNTRIES

SUSTAINABILITY

We believe ingenious technological innovations can help us create a more sustainable future. As an owner and operator of a data center or other mission-critical facility, you have an evolving environmental, social, and governance (ESG) strategy with goals and metrics to fulfill. Our inspired, innovative solutions help you simplify and optimize your operations, whether it's to reduce power consumption, leverage renewable energy, minimize waste, or any other goal along the spectrum of sustainability. With resource-efficient designs, you get the best of us so you can put your most sustainable foot forward.

With Legrand, sustainability isn't just talk. We are committed to reducing our carbon footprint with direct and indirect emission reductions and assisting organizations like yours with eliminating 12 million tons in CO2 emissions in 2021 alone. We're also pursuing initiatives that will accelerate the use of recycled plastics (15%) and metals (40%) by 2024 as well as phasing out single-use plastics in our operations and packaging. When you partner with Legrand, you can be confident that you've partnered with an organization that is making good on its commitment to sustainability.



OUR DATA CENTER OFFERING

Innovative, industry-leading portfolio of expertly engineered solutions driven by customer focus and our commitment to technology and operational excellence.

OUR BRANDS

- **Legrand®** - Complete global solutions for digital and electrical infrastructure.
- **Cablofil®** - Using its global strength and market leading position, Cablofil has developed a complete range of cable management solutions.
- **Raritan®** - Proven leader of intelligent rack PDUs, rack transfer switches, environmental sensors, serial consoles and KVM-over-IP remote access switches.
- **Server Technology®** - A global leader in basic and intelligent Rack PDUs with 69 United States patents and 38 international patents.
- **Starline®** - A global leader in busbar power distribution equipment.
- **Ortronics** - Industry leading network infrastructure solutions, with a broad range of copper and fiber connectivity, cabinets and cable management solutions, united by superior design.
- **Quiktron®** - Quality cable connectivity solutions, with a selection of copper and fiber products ranging from simple to complex, standard to custom.
- **Approved Networks** - The most trusted name in Optical Networking.



RACK POWER DISTRIBUTION

Selecting reliable, intuitive, and accurate rack power distribution products is critical to your overall data center power strategy. Legrand's Raritan and Server Technology rack power products include intelligent rack power distribution units (rack PDUs), inline meters, rack transfer switches, and branch circuit monitoring systems. They are designed to improve uptime and availability and are easy to deploy, control, and manage remotely across multiple locations.

KEY FEATURES:

- Intelligence Options – Basic (non-networked) to Switched and Metered Per Outlet (networked)
- Input Power Options – AC and DC, with input current from 16 Amps to 120 Amps, and voltages from 110-120V single-phase up to 400-415V three-phase and -48VDC
- Form Factor Options – Compact, vertical 0U, and horizontal 1U to 4U options
- Best-in-Class Hardware – High Density Outlet Technology (HDOT®), HDOT Cx®, RamLock, 45-Degree Angled Infeed, Alternating Phase/Branch Technology, and the iX™ Controller deliver unsurpassed outlet density, flexibility, and reliability
- Advanced Power Quality Monitoring – the most complete and accurate set of rack power quality metrics ensure real-time insight into critical power quality, energy efficiency, and equipment health at the cabinet
- Plug and Play Sensor Support – Monitor and manage critical environmental conditions, such as temperature, humidity, and airflow, as well as security conditions with physical access control devices
- Enterprise-level Security – Provides the latest network security protocols including Secure Boot, advanced data encryption methods, strong password policies, and login protection
- Compatible with DCIM and Other Tools – Easily integrate into BMS or DCIM software tools with SNMP, MODBUS, open REST-based APIs, and a Redfish® API

KEY BENEFITS:

- Quality – Our rack power distribution products are built with top-of-the-line components, features, and multilayer redundant capabilities to ensure the most reliable and future-proof infrastructure possible.
- Innovation – Our customer-focused engineering team is dedicated to solving your challenges with standard and customized designs backed by the most rack power awards and patents in the industry.
- Flexibility – Global supply chains and manufacturing footprints deliver the largest portfolio of rack PDUs that range from off-the-shelf, configure-to-order, or fully customizable to meet your needs.
- Support – Our team includes the most extensive number of customer support, engineering, and field-based Certified Data Center Designers (CDCD®) to ensure you and your projects are backed from start to finish.

EXPLORE OUR RACK POWER DISTRIBUTION OFFERINGS



RACK PDUS

Legrand's Raritan and Server Technology brands are the global leaders in intelligent rack PDUs. Providing intelligent and reliable power distribution to high-tech startups, hyperscale and enterprise critical facilities, our rack PDUs leverage best-in-class hardware and industry-leading intelligence capabilities to tackle ever-changing rack power and infrastructure requirements.



RACK TRANSFER SWITCHES

The Raritan Hybrid Rack Transfer Switch prevents downtime in cabinets with single power supply devices. It provides power metering at the inlet, outlet, and branch circuit levels. It also offers outlet-level switching for better remote power control.



INLINE METERS

The Raritan Inline Meter adds power, energy, intelligence, and rack environment data collection capabilities to Basic and non-intelligent rack PDUs and stand-alone IT equipment. It comes standard with built-in monitoring, security, and networking capabilities to simplify the management of power usage and environmental conditions while allowing you to monitor the power on a dedicated circuit.



-48VDC RACK PDUS

Server Technology -48VDC PDUs control cabinet equipment at remote locations, allowing you to reboot locked-up remote servers around the clock. Most models have two DC power input feeds that support dual-power networking appliances. They also feature outputs individually protected by a fuse or breaker for overcurrent events. Each output has current monitoring to remotely monitor capacity, utilization, and set up alerts.

RACK MANAGEMENT

Legrand offers a wide range of rack-based solutions that help to manage your critical IT devices at the rack level. Our rack management solutions include an array of sensors, door locks, asset tags, as well as intelligent tools to manage the data collected by these devices. Our solutions can be connected to intelligent Legrand, Raritan, and Server Technology power distribution products and then connected to DCIM or BMS software to provide the ultimate insight into your facility.

KEY FEATURES:

- Highly Accurate Environment Monitoring – SmartSensors™ are designed with the latest, most high-tech metering components to prolong their lifespan, improve reliability, and ensure it runs efficiently
- Network Controlled Access – With on-demand door control for defined users or groups, the SmartLock™ system provides audited and controlled access to sensitive IT assets in the data center's white space
- Easily Locate and Track Your IT Assets in Real-Time – Our Asset Management Tags have a unique ID chip and barcode that identify stored asset information and easily track assets as they are moved to other locations
- Address Gaps in Data Center Facility Instrumentation – with an all-in-one tool that collects and delivers insights on environmental monitoring, asset location, physical access, and other monitoring and security sensor data

KEY BENEFITS:

- Improved Security – Deliver multiple levels of rack-level security through a universal, vendor-agnostic electronic door access and control system.
- Environmental Monitoring – Recognize hot spots, cool equipment, prevent costly downtime, maintain data center security, and receive real-time environmental alerts.
- Time Savings – Automate IT asset tracking to better understand exactly what assets you have and where they are located.
- Real-Time Data – Address the gaps in instrumenting a data center's white space with all-in-one intelligent devices that collect and deliver real-time, actionable data.

EXPLORE OUR RACK MANAGEMENT OFFERINGS



INTELLIGENT SENSOR MANAGEMENT

The Smart Rack Controller provides an intelligent sensor management solution that serves as a central connection point for environmental monitoring, asset location, physical access, and other monitoring and security sensors.

ENVIRONMENTAL SENSORS

SmartSensors for temperature, humidity, airflow, differential air pressure, water detection, dust/particles, proximity and motion, and vibration help data center managers identify hot spots, efficiently and optimally cool equipment, prevent costly downtime, and maintain data center security.

SMART DOOR LOCKS

The SmartLock System is a networked, intelligent door access and control system designed to deliver audited and controlled access to sensitive IT assets in the data center's white space. It is an economically scalable solution that addresses evolving cabinet-level physical security needs and requirements.

INTELLIGENT ASSET TAGS AND SENSORS

Asset Management Tags and Sensors, combined with DCIM software, provide an accurate, automated, real-time inventory of all IT assets and their locations, down to the 1U level. Each tag and sensor integrates with DCIM software to easily track assets, determine capacity in a number of areas, and manage adds, moves, or changes.

REMOTE ACCESS AND CONTROL SOLUTIONS

Raritan is a proven technology innovator with a 30+ year history of designing KVM, serial, remote access solutions. Our five generations of products are in operation in 50,000 locations worldwide. Leverage our technology, expertise, and support for your KVM and remote access needs.

Raritan's remote access and control solutions provide secure, convenient BIOS-level access to remote IT equipment, regardless of its location. You can successfully install, configure, update, and troubleshoot remote servers and networks without costly travel. The result is a faster response to your organization's issues, with the benefit of increased uptime.

KEY FEATURES:

- High-performance video engine with support up to 4k, 30 FPS, and sub 50ms latency
- Support for VGA, DVI, HDMI and DisplayPort, with digital audio
- Java-Free HTML5 and Microsoft .NET KVM Clients
- IP-based User Station supporting dual monitor and up to 8 simultaneous KVM connections
- LAN, WAN and Internet/VPN access
- Integrated PC and laptop access
- True serial-over-IP access to routers, switches and Linux/UNIX servers
- Continual enhancements and firmware updates for new features and security
- Up to 32 ports models for 8 remote IP sessions
- Command Center centralized management to access thousands of devices under a single IP and remote management interface

KEY BENEFITS:

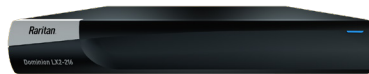
- Productivity – The virtual reach provided by Raritan access products allows administrators and managers to maintain hundreds or even thousands of servers and serial devices by responding to incidents from wherever they are — eliminating travel time, speeding response and increasing productivity.
- Accelerated Incident Response – Remote management solutions can dramatically shorten incident response times since administrators can take action from anywhere, even during emergency access nights and weekends.
- Business Continuity – Out-of-band access to servers and serial devices in emergency situations. Access, control and manage equipment even if the corporate network itself is down.
- Security – Secure encrypted connections to remote IT devices with advanced security features such as AES encryption, FIPS 140-2 encryption and Smart Card authentication.

EXPLORE OUR KVM & SERIAL OFFERINGS



KVM-OVER-IP

Raritan provides a variety of KVM-over-IP Switches that leverage today's Ethernet and TCP/IP networks. The features and functionality of the advanced Dominion KVM-over-IP switches allow for secure access plus unlimited control via LAN, WAN, and the Internet, along with ultra-fast video performance and high video quality.



SECURE DESKTOP KVM

Raritan Secure Switches (RSS) are secure desktop KVM switches that are tested and certified to meet the requirements of the NIAP Version 4.0 Protection Profile required by the US/Canadian government and military agencies for secure connection and isolation of computer systems at different classification levels.



SERIAL CONSOLE SERVERS

Serial console servers, also known as terminal servers, provide IT and network administrators secure, serial-over-IP access and control of serial devices – anytime, anywhere, and in a Java-free environment.



CENTRALIZED SERVER MANAGEMENT

Raritan's CommandCenter™ Secure Gateway (CC-SG) is a plug-and-play appliance that consolidates multiple remote access technologies to provide IT administrators and lab managers a secure, single point of remote access and control to all devices.

OVERHEAD BUSWAY

Starline Track Busway is the industry-leading electrical power distribution system for data centers/mission-critical environments or any facility where power is needed. The three main features differentiating Starline from competing systems are the unique design, unmatched flexibility, customization of plug-in units, and the best service. Starline Track Busway systems provide innovative, customizable power distribution and monitoring solutions unique to each customer's requirements.

In addition to unmatched support from our global services experts, we ensure our completely customizable plug-in units are easy to install with our unique turn and lock method. We use the highest quality materials, including solid copper busbars and a lightweight and durable outer aluminum housing. The superior busway design is patented with u-shaped copper busbars that create constant tension, ensuring a continuous, reliable connection. Starline Track Busway is UL, ETL Listed, and CE marked, allowing the system to be used worldwide.

FEATURES:

- 40 - 1250A 4-pole system
- Busway sections joined together by maintenance-free, compression-style joints
- Easily insert plug-in units along the busway where power is required
- Revenue grade metering functionality at the feed and branch-circuit level
- Designed and tested to meet UL857 & IEC 61439-6 standards

KEY BENEFITS:

- Maintenance-free busbar system reduces total cost of ownership.
- Reduced facility construction costs.
- Streamline installation by adding, removing, or relocating power easily and quickly with no downtime.
- Plug-in units can be disconnected and connected without de-energizing the busway.
- Fewer installation materials required.
- Scalable and customizable lengths, sizes, and configurations to meet your unique specifications.

EXPLORE OUR TRACK BUSWAY OFFERINGS



PLUG-IN RACEWAY

Starline Plug-In Raceway meets the ever-changing power distribution and datacom needs of healthcare, education, industrial, data center, and retail applications. It has the fastest install times in the industry. You can add or relocate plug-in modules anywhere on the raceway quickly and easily, even after installation.



SERIES - S TRACK BUSWAY

The Starline S-Series Track Busway combines the performance, functionality, and flexibility of the proven Track Busway system with the added benefit of an IP54 ingress-protection rating. It is available from 100 amps to 1200 amps and allows users to install the system anywhere that additional water, dust, or other contaminants require up to an IP54 or NEMA 3R rating. This protection level extends to our uniquely designed plug-in units, which are offered with a wide variety of watertight NEMA and IEC devices to meet any need.



TRACK BUSWAY

Our Track Busway revolutionized power distribution in data center and manufacturing environments. The simple, maintenance-free busway design incorporates a continuous access slot that runs along the track's length and allows access to power anywhere on the busway.



CRITICAL POWER MONITOR

Our Critical Power Monitor is a revenue-grade meter that provides real-time voltage, current, and power data with configurable alarms to ensure operations managers are always the first to know if an issue arises. It can be used with Starline Busway or as a standalone solution.



SERVER AND NETWORK CABINETS

Legrand is a global provider of data center server and network cabinets, providing fully enclosed racks with side panels, front and rear doors, and roofs. We offer the most flexible cabinet and rack solutions designed to meet the needs of the most demanding environments.

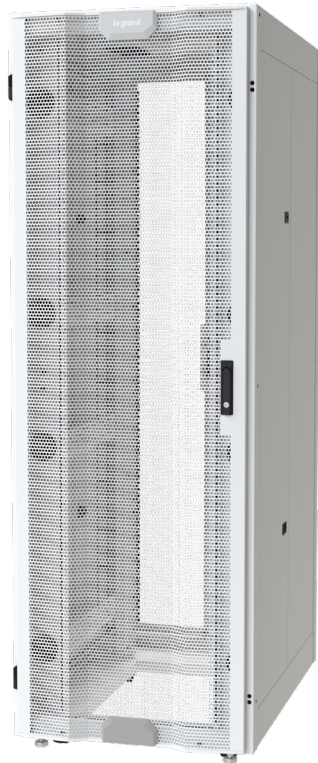
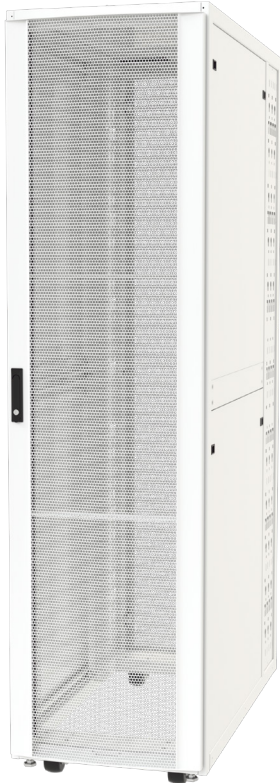
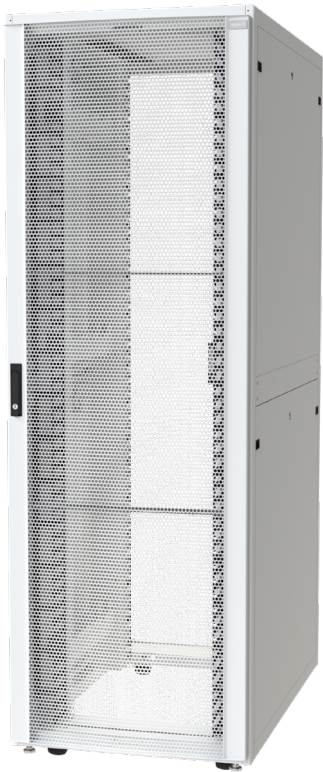
With the most frame styles available in either tubular steel, aluminum, or sheet metal, our cabinets and racks provide an industry-leading standard in load capacities of up to 5,000 lbs. With the most extensive array of sizes ranging from 42-52RU, heights of 600mm to 813mm (23.62" to 32"), and depths of 36" to 54", providing server and network cabinets that meet any specific requirements.

Our product category includes fully [customizable cabinets](#) built from the ground up, [rack and stack cabinets](#) shipped with equipment pre-loaded, [configure-to-order](#) short lead times with stocked components. We have a cabinet solution for any environment, from enterprise and hyperscale data centers, collocations, IT closets, and edge locations.

KEY BENEFITS:

- Flexibility – Our cabinets can be modified to meet any application, with over 750 components and accessories to choose from.
- Customization – For the most demanding or unique requirements, our cabinet platforms can be purpose-built to suit each facility's requirement.
- Shorter Lead Times - Legrand has multiple manufacturing facilities in North America, shortening the distance to the data center.
- Faster Deployment – "Rack and Stack" compatible cabinets allow for the shipment of fully populated cabinets from integrators, decreasing on-site installation requirements. We also offer Assemble to Order cabinets for clients looking to minimize orders' delivery.
- "White Glove" Service - Our Field Sales Engineers are responsible for all technical aspects of the sales cycle, ensuring that clients' needs are met.

EXPLORE OUR SERVER AND NETWORK CABINET OFFERINGS



T-SERIES

Robust & Agile with faster deployment time.

T6-SERIES

Rugged & Spacious with faster deployment time.

NEXPAND

Flexible, configure-to-order with shorter lead times.

LX-SERIES

Fully customizable with unlimited applications.



CONTAINMENT

Legrand containment and cooling solutions guarantee an optimal temperature in the whitespace area and achieve energy-efficiency gains by separating of hot and cold airflows.

Separate the cold supply air from the hot exhaust air to improve airflow, deliver cost savings, and maximize your mechanical infrastructure's performance and reliability. Our innovative product portfolio offers containment solutions with the flexibility to adapt to any environment from brownfield to greenfield applications.

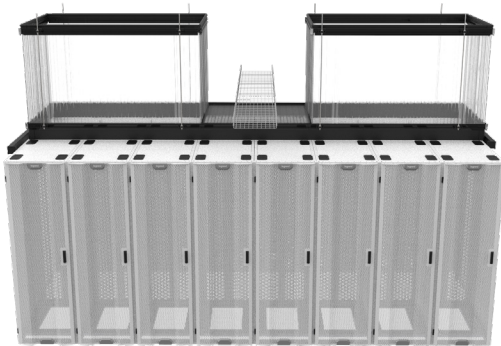
FEATURES:

- Customized design
- Optimal airflow management for better energy performance
- FM approved drop-away system for water fire extinguishing systems
- Optimized integration of cable management structures and busbars
- High transparency panels and LED lighting for best aisle visibility

KEY BENEFITS:

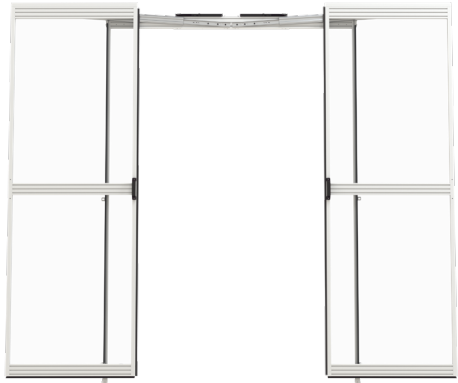
- Increased Energy Efficiency – Managing your hot and cold aisle airflow allows for more efficient facility operations, providing additional cost savings now and in the future.
- Improved Reliability – Enhancing thermal management helps deliver a predictable operating environment that increases equipment reliability.
- Flexibility – Legrand's Aisle Containment products are customizable, creating a solution to fit your specific application.
- Visibility - Light transmission and aisle visibility are key requirements for any data center. Legrand containment offers multiple material options to best address the environment.

EXPLORE OUR CONTAINMENT OFFERINGS



MODULAR CONTAINMENT

The Contain-IT FLEX containment solution offers a modular design that adapts to your needs in any brownfield or greenfield applications. It maximizes efficiency while creating a predictable operating environment that increases equipment reliability.



END ROW DOORS

Sliding end-of-row doors are available for cabinets up to 52U high and aisles that are between three to six feet wide. Sealing the ends of aisles with doors is critical in preventing recirculation between the hot and cold aisles, particularly in the end-of-row cabinets.

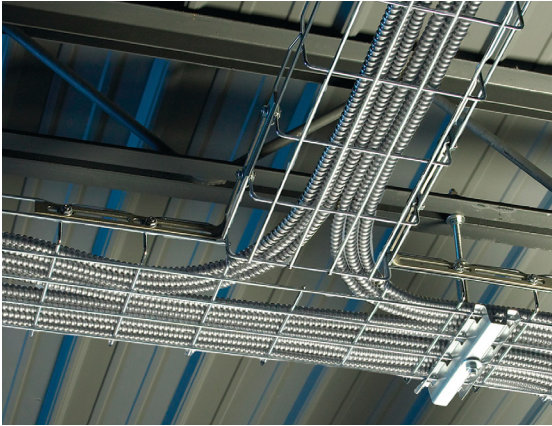


PRE-FABRICATED CONTAINMENT

Legrand's engineered-to-order aisle containment systems provide a full complement of airflow and cable management accessories to deliver more customization and control for any data center infrastructure need.

CABLE MANAGEMENT

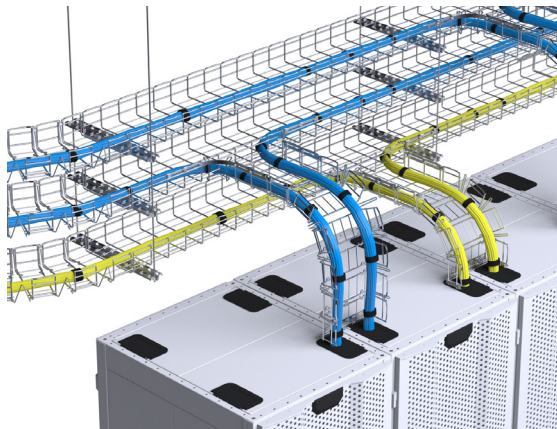
Cablofil is the global gold standard for total cable management- A one-stop shop for innovative, fast, and dependable cable management systems, including wire mesh trays, ladder cable trays, prefab assemblies, fasteners, and assemblies.



CABLOFIL

For over 35 years, Cablofil has become the gold standard for cable management worldwide. Cablofil's success is the result of ongoing innovation and continued quality manufacturing practices that are being embraced by engineers and contractors alike.

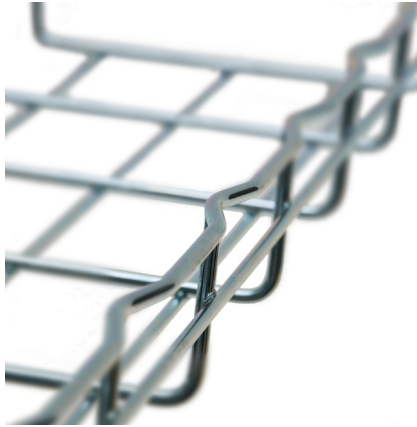
Each product within the Cablofil product line is constantly evaluated for improving cable pathways construction and reducing installation times. We are continuously developing new products to embrace new cabling types and methods. To date, more than 142,000 miles of Cablofil cable trays have been installed globally.



DATA CENTER

Cablofil products from Legrand are the right choice for cable management in all types of construction. Wire mesh cable management is especially suited for tight spaces usually associated with communication closet installations. All cable pathway turns, bends, and elevation changes can be fabricated on-site with simple tools to speed installation time.

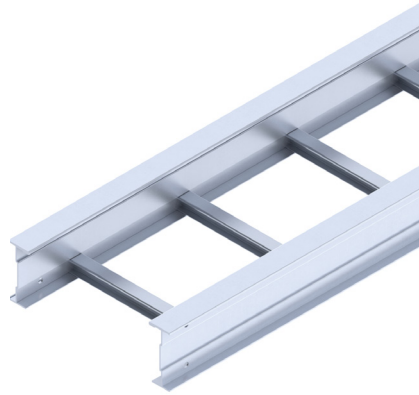
There is no better cable management solution for large data center projects than a wire mesh cable tray coupled with Cablobend™ Systems. With thousands of drops, trim down installation time from days to hours.



WIRE MESH TRAY

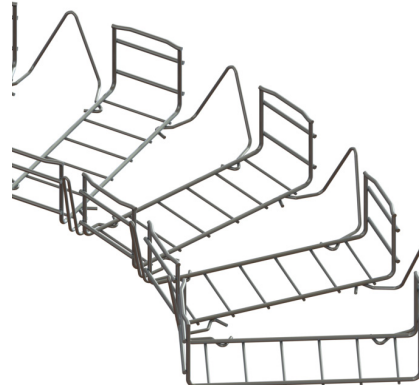
Our wire mesh tray is constructed of precision-engineered, high-quality, welded steel wire and is the result of decades of research gained from the installation of 142,000 miles of tray across the globe.

Our tray is subjected to testing at every stage of the manufacturing process. In actual use, it has performed in a wide variety of applications from heavy power cable pathways on oil drilling platforms in the North Sea, to data installation above the ceiling in modern office buildings.



LADDER TRAYS

The aluminum I-beam design of ITray is perfect for industrial installations with large diameter cables in long-span situations, minimizing total tray width and creating a smooth transition between straight sections and fittings. A structural offset in the sideway creates strong, mid-span splices that need fewer supports. Each splice snaps in place and stays without holding. Additionally, only four bolts are needed for each splice, reducing hardware needs by 50%. These features allow ITray to be installed up to 30% faster than a standard tray.



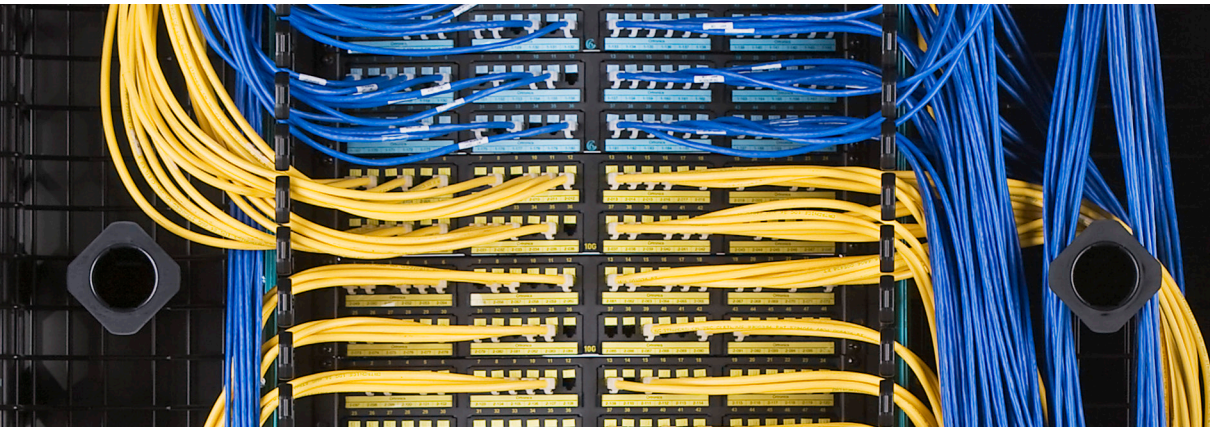
CABLOBEND™ SYSTEMS

Experience a new way of working on your next data center project with Cablobend. Every data center requires numerous cable tray bends and drops – sometimes thousands in just one installation. With traditional cutting and bending, each drop can take up to four hours to complete. With Cablobend, you have the freedom to create the bends and drops that you need – fast and more easily – in the field.



WIRE AND CABLE HANGERS

Perfect for smaller runs and cable drops, J-Hook style wire and cable hangers minimize support and installation costs. Non-continuous cable supports like J-Hooks work well for retrofit projects and tight spaces where labor can be reduced by 50% compared to continuous support systems.



COPPER

Legrand's end-to-end Copper solutions are engineered to exceed industry standards and provide bandwidth beyond TIA frequency specifications.

All Legrand copper solutions comply with IEEE 802.3bt Type 1-4 Power-over-Ethernet applications and are designed to support even the most demanding PoE applications. Sustainability is fundamental to Legrand's design: all copper products support LEED accreditation and can be supplied with appropriate EPD/PEPs.

Legrand's Copper systems are available in both UTP AND F/UTP, and consist of a complete line of jacks, patch panels, workstation mounting accessories, EZ Patch™ packaging solutions, and copper patch cords that complement our custom and standard copper solutions – for a fully integrated system

KEY BENEFITS:

- Performance – Legrand Copper solutions are engineered to outperform industry standards in even the most complex installations.
- Quality – Our products support the network's lifespan, are third-party certified, and are backed by our warranty.
- Ease of Use – Designed to reduce labor and simplify moves, adds, and changes while keeping projects on time and on budget.
- Exceptional Service and Support – Legrand has a global presence, with local sales support, to ensure your project is successful and that products are ready to ship.

EXPLORE OUR COPPER OFFERINGS



JACKS AND MODULES

Legrand RJ45 jacks provide 8-pin/8-position connections for ethernet-based applications utilizing twisted pair copper cabling. We offer standard jack options and premium options that provide two tiers of performance and two termination styles to meet the need of your application.



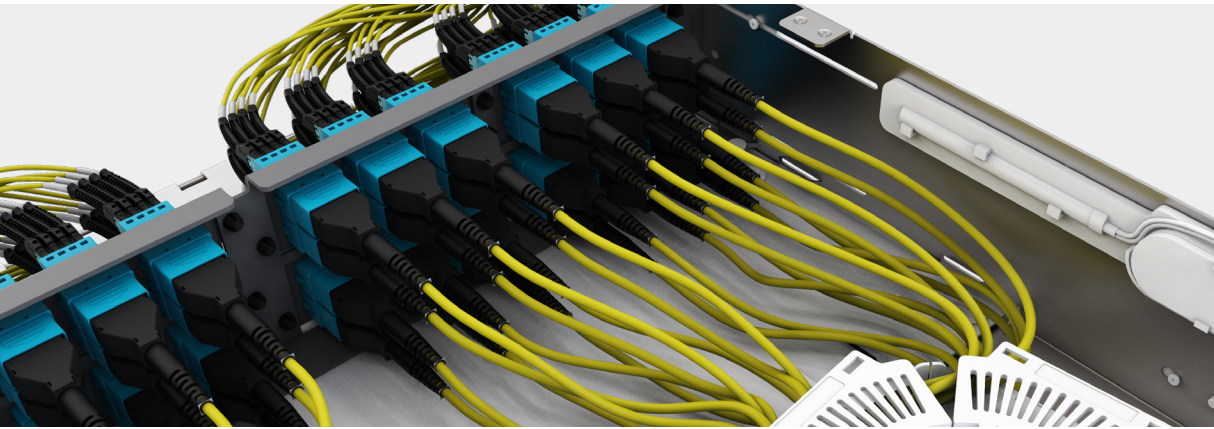
PATCH PANELS, PLATES AND WORKSTATION

Legrand's patch panels provide the ideal solution for connecting and routing circuits in networking, monitoring, or data center applications. Clarity patch panels excel in performance while supporting ease of use and cable installation best practices. Whether you're routing your cables to a wall or the workstation, our broad offering of faceplates and workstation solutions will meet any need and application.



PATCH CORDS AND CABLE ASSEMBLIES

Legrand's family of patch cords and cable assemblies are designed to provide seamless connectivity between your devices. Our full selection of patch cords is offered in a range of standard lengths, colors, and sizes to suit any application. Patch cords are available in standard packaging or our patented EZ Patch™ Box or Flat Pack for bundled solutions that are quicker to deploy and eliminate waste.



FIBER

Legrand's innovative fiber optic solutions deliver unsurpassed network performance, with various density and connector options for maximum compatibility.

Our complete fiber offering has redefined performance and flexibility in the data center, delivering the most advanced network systems: Infinium™ Quantum, Ultra, and Core.

KEY BENEFITS:

- Innovation – Our modular systems are engineered with installation efficiency and performance in mind, providing you with the flexibility to adapt to any environment.
- Migration and Flexibility - Legrand's fiber solutions are engineered to exceed the needs of future port count, optical headroom requirements, network architectures, potential moves, adds, and changes.
- Service – Legrand has a global presence with local sales support. Our field engineering team is available to help with project design and implementation. Our products are ready to ship, with support available for custom products.

EXPLORE OUR FIBER OFFERINGS



ENCLOSURES AND PLATFORMS

Legrand fiber enclosures are the primary solution to mount, route, manage and maintain critical fiber optic connectivity and cabling. Each Legrand Fiber enclosure is purposefully engineered to simplify and speed up installation, enhance cable management and improve access.



CASSETTES AND ADAPTERS PANELS

Legrand fiber cassettes are available in three performance tiers: Infinium Quantum™, Infinium Ultra™ and Infinium Core™. Legrand Adapter Panels offer pass-through connections, front or rear-loading access, and a space optimizing design. The Infinium acclAIM Solution Fiber Solution has redefined connectivity, by replacing pre-terminated cassette-based solutions with direct connections.



TRUNKS & PATCH CORDS

Legrand leads innovation with Infinium acclAIM connectivity and Infinium Quantum Performance by delivering the lowest loss connectivity in the industry. Legrand fiber optic patch cords, trunks, and harnesses are available fully configurable to meet your individual needs or pre-configured for quick order and delivery. Each product is available with a variety of connectors, jacket materials, performance tiers, and other options.



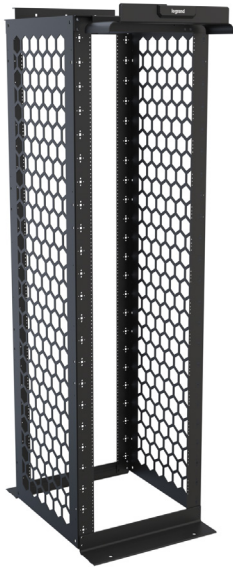
PHYSICAL SUPPORT

Legrand network and server racks, wall mount cabinets, and cable pathways are engineered with cable management and installation efficiency as the basis of design. Our physical support solutions include the Mighty Mo family of racks, our standard EIA line of racks, the innovative Compact Edge Cabinet, and other wall mount enclosures, all of which include cable management solutions from Cablofil and Wattstopper. These products provide a variety of choices to meet the needs of every installation. No other systems make it easier to install a network with standards-compliant bend radius, cable routing and strain relief – ensuring optimal network performance.

KEY BENEFITS:

- Innovative Features - Our systems are engineered with features that keep installation efficiency, cable protection and network performance in mind.
- Protection, Performance, and Flexibility - Legrand's solutions maximize existing network architectures while ensuring a future of potential moves, adds, and changes.
- Service - Legrand has a global presence with an emphasis on local sales support, field engineering, and project design and implementation.

EXPLORE OUR PHYSICAL SUPPORT OFFERINGS



RACKS

Legrand's innovative Mighty Mo 20 ensures that critical network cable distribution is protected and optimized for performance, management, and maintenance. Our Standard EIA racks deliver a simple, quick, and reliable solution, with self-squaring installation and visual RU numbering.



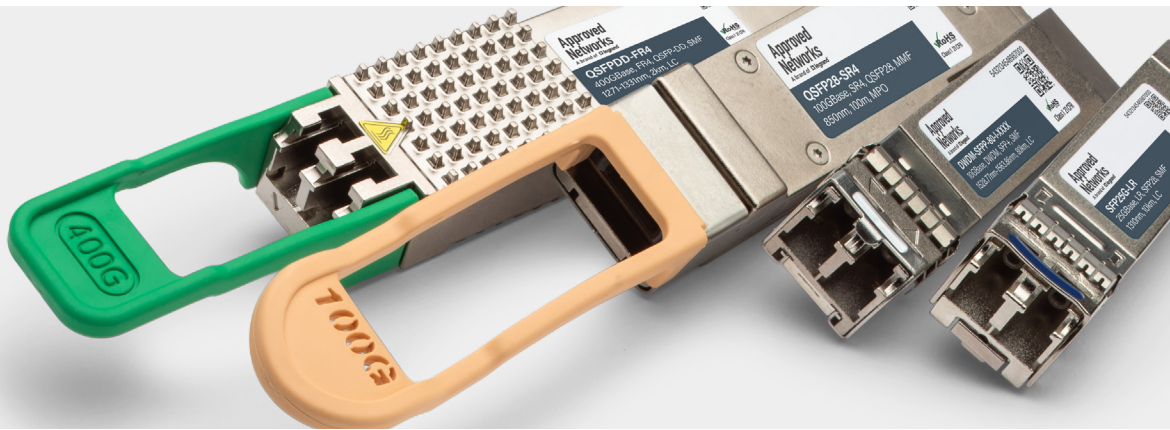
CABLE MANAGERS, OVERHEAD RACKS & ACCESSORIES

Legrand cable managers and overhead racks are engineered to support, route, and manage cable infrastructure. These solutions are designed to simplify installation, cable routing, and management while optimizing network performance.



WALL MOUNT RACKS & CABINETS

Legrand's wall-mount network cabinets are perfect for edge computing, IoT and building network applications. Our wall mount cabinets are an ideal solution for environments where floor space is at a premium, or only a few pieces of network or IT equipment need to be protected.



OPTICAL TRANSCEIVERS, DAC CABLES, & AOCS

Legrand is an industry leader and authority in the programming, testing, and distribution of high-quality OEM alternative optics. We provide networking solutions that are backed by best-in-class engineering and testing - offering technical, logistical, and sales support to discerning global enterprise, data center, broadband, and building network applications operating in the toughest networking environments.

Our Transceivers, Active Optical Cables (AOCs), and Direct Attach Copper cables (DACs) are the ideal solution to meet the demands of a challenging and constantly evolving market. Legrand's commitment to our optics customers and partners results in high quality, reliable networking solutions offering speed, efficiency, and affordability. Legrand optics customers receive an industry-leading lifetime warranty. Our optics adhere to strict MSA standards for form, fit and function. Fully compliant with Ethernet, Fiber Channel, SONET/SDH/OTN and PON standards, all Legrand transceivers feature exceptional performance over multiple voltage and temperature ranges. They also maintain constant latency and minimize electromagnetic interference and power dissipation.

KEY BENEFITS:

- Unprecedented Value - Partnerships with Tier 1 contract manufacturers and extensive inventory position guaranty same-day shipping, 98% on-time delivery rate, up to 80% off OEM prices, industry-leading lifetime warranty, and guaranteed customer satisfaction.
- Quality and Reliability - Coded and tested in the United States in over 90 switch, router, and server platforms with a 99.98% reliability rate. Legrand is a pioneer in network connectivity testing and the industry authority on OEM compatibility.
- Availability - Today's supply chain is plagued by delays, shortages, and constraints. Approved Networks has played a vital role in keeping our Enterprise, Data Center, and Broadband partners' networks up and affordable.
- Engineering and Support - Active engineering team involvement at every step of the sales and deployment process from consultation during customer evaluation to post-deployment on-site support. Our engineering team works closely with your dedicated Enterprise, Data Center, and Broadband account team to set your network up for success.

EXPLORE OUR OPTICAL TRANSCEIVERS, DAC CABLES, & AOCs OFFERINGS



OPTICAL TRANSCEIVERS

Approved Networks' optical transceivers are built through partnerships with the world's largest Tier 1 optical component contract manufacturers. As active participants in developing MSA standards regarding form factor, fit, and function, Approved Networks recognizes that quality and compliance are corporate responsibilities - an opportunity we share across our organization and manufacturing facilities.

DIRECT ATTACH COPPER CABLES

A passive Direct Attach Copper (DAC) cable is a Twinaxial, "Twinax", copper cable. It is similar to a coaxial cable but has two inner conductors instead of one. Approved Networks' DAC cables are ideal for shorter top-of-rack (or rack-to-rack) runs and are the preferred way to interconnect inside server racks, especially for high-speed links. This includes hyperscale, enterprise, storage, and many high-performance computing installations.

ACTIVE OPTICAL CABLES

Active Optical Cables (AOCs) are Multi-Mode (MM) or Single-Mode (SM) transceivers that have a bonded fiber connection. This creates a complete fiber assembly much like a DAC, but with distances that can reach up to fifty meters. The connector modules cannot be removed from the cable, so all AOCs are a fixed length. AOCs connect directly to ports (or line cards) within servers, switches, and data storage devices.

PASSIVE WDM

When paired with CWDM, DWDM, or PON transceivers, Approved Networks' passive WDM solutions offer a low-cost way to eliminate the need to add or lease new fiber. These solutions require no power, no configuration, and can be deployed in a fraction of the time as other solutions. Approved Networks' team of engineers focuses on "right-sized" solutions for your everyday network needs now and in the future.



Data Communications
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