INFINITE®
ELECTRONICS, INC.

Product Guide

We are a Global Manufacturer of Engineered Connectivity Solutions and Services, Consisting of a Diverse Family of Industry Leading Brands

USING THIS GUIDE

This guide offers a high-level look at more than 240 product categories across 27 product lines and 19 global brands—showcasing the breadth of Infinite Electronics' portfolio.

In the digital version, you can easily navigate by clicking the product category names, which will take you directly to the product category landing pages within each brand website.

We hope you find this guide a valuable gateway into the full Infinite Electronics portfolio, making it easier to identify new opportunities for partnership and expanded support.

INFINITE FAMILY OF BRANDS

At Infinite Electronics, we are dedicated to designing and manufacturing high-performance connectivity solutions that keep the world moving forward. As a global manufacturer, we work closely with our customers to engineer reliable, precision-built components and assemblies that address complex, real-world challenges.

By combining deep engineering expertise with responsive service, we help businesses around the world transform ideas into products, accelerate innovation, and shape a connected future where ***possibilities are truly infinite.***

Pasternack — an INFINITE brand

Supplier of reliable RF and microwave components and custom assemblies.

Fairview Microwave — an INFINITE brand

Offer high-quality RF/microwave components and cable assemblies.

L-com — an INFINITE brand

Provide a wide range of wired and wireless connectivity components and cabling.

Show Me Cables — an INFINITE brand

Extensive portfolio of IT, voice, video and data network cables and connectivity products.

MilesTek — an INFINITE brand

Offering a comprehensive line of MIL-STD-1553B electronic components and cable assemblies.

NavePoint — an INFINITE brand

Reliable IT, network and A/V infrastructure components and accessories.

INC Installs — an INFINITE brand

Specialists in low voltage cabling, A/V and network installation services.

integra optics — an INFINITE brand

Reliable transceivers and fiber optic components engineered to maintain uptime.

PolyPhaser — an INFINITE brand

Leaders in RF surge protection, filtering and coaxial cable products.

Transtector — an INFINITE brand

Innovative provider of power, surge protection and signal integrity solutions.

Aiconics — an INFINITE brand

Provide a range of products for the assembly and maintenance of high-rel electrical.

bulgin — an INFINITE brand

Experts in the design manufacture of industrial rated data, fiber and power connectors.

TKD — an INFINITE brand

Specialists in industrial cabling for control and communications applications.

KCINDUSTRIE — an INFINITE brand

Specialize in the production of low-voltage flexible cables for industrial applications.

capable — an INFINITE brand

Manufacturer of specialty cables, connectors, specialized wiring harnesses and systems for a range of industrial applications.

Schrade Kabeltechnik — an INFINITE brand

Manufacturer of complex wiring harnesses for a range of industrial applications.

JOBARCO — an INFINITE brand

Provider of specialty industrial cabling including flexible and extreme temp solutions.

pantaflex — an INFINITE brand

Provider of industrial cabling and accessories for a wide range of demanding applications.

ConCab kabel gmbh — an INFINITE brand

Leaders in industrial data, power and communications cabling solutions.

At **Infinite Electronics**, our global portfolio of trusted brands enables our customers to solve challenges, deliver solutions and bring their visions to life. We are not just connecting devices but driving innovation and shaping a future where possibilities are truly infinite.

OUR VISION

To be the first choice for connectivity solutions worldwide.

OUR MISSION

To move the world forward with high-performance connectivity solutions.

INFINITE® ELECTRONICS, INC.

OUR GLOBAL PRESENCE


Irvine, California


Santa Fe Springs, CA


Hayden, Idaho


Lewisville, Texas


Albany, New York


Guaymas, Mexico

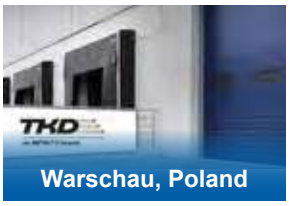

Cambridge, UK


Olivet, France


Villanova sull'Arda, IT


Ozzano Dell Emilia, IT


Leszno, Poland



Warschau, Poland

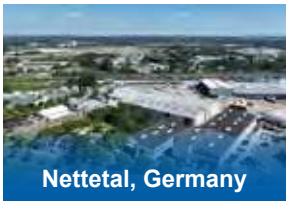

Benthuizen, Netherlands


Breda, Netherlands


Allmendingen, Germany


Iserlohn, Germany


Mainhardt, Germany


Nettetal, Germany


Reutlingen, Germany


Tunis, Tunisia


Suzhou, China

INFINITE LOCATIONS

We have 21 locations worldwide, anchored by state-of-the-art manufacturing facilities complemented by dedicated customer and engineering support centers.

HOW WE GOT HERE

From one brand to 19, Infinite Electronics has grown exponentially and isn't slowing down.

INDUSTRIES WE SERVE

OUR PRODUCTS

TRUSTED QUALITY. RESPONSIVE SERVICE. PROVEN PERFORMANCE.

Infinite Electronics designs and manufactures high-performance connectivity solutions that empower customers worldwide. We engineer and manufacture precision RF microwave, industrial networking, fiber optic, surge protection, and power cables to the highest standards.

Through our global network of engineering and production facilities, we deliver both standard and custom solutions with exceptional speed, quality, and technical collaboration—helping our customers accelerate innovation and achieve reliable performance in every application.

Product Lines by Brand	L-com	NavePoint	ShowMe	Aiconics	MilesTek	Bulgin	INC	PE	FM	Integra	Transtector	PolyPhaser	TKD	Jobarco	Pantaflex	ConCab	Capable	Schrade	KC
Adapters & Connectors 8	✓	✓	✓	✓	✓	✓		✓	✓			✓	✓	✓	✓				
Antennas 12	✓	✓	✓			✓		✓	✓										
Cable Assemblies: Data.....13	✓		✓		✓	✓					✓		✓	✓					
Cable Assemblies: Fiber Optic..15	✓	✓	✓	✓				✓		✓									
Cable Assemblies: Harnesses...16					✓												✓	✓	
Cable Assemblies: Power.....18	✓	✓	✓		✓						✓								
Cable Assemblies: RF.....19	✓		✓		✓			✓	✓								✓		
Cable: Data.....21	✓	✓	✓		✓								✓	✓		✓			✓
Cable: Fiber Optic.....22	✓		✓																
Cable: Power.....23	✓		✓								✓		✓	✓		✓			✓
Cable: RF.....29	✓		✓		✓			✓	✓			✓	✓	✓					
Components: Ethernet.....31	✓		✓								✓								
Components: Fiber Optic 32	✓		✓							✓									
Components: IoT Sensors.....34	✓					✓													
Components: Mil Standard.....36					✓														
Components: RF Active.....37								✓	✓										
Components: RF Passive.....39	✓		✓					✓	✓			✓							
Converters & Extenders.....41	✓		✓		✓						✓								
Electrical Surge Protection.....42	✓	✓						✓	✓		✓	✓							
Enclosures 43	✓	✓	✓								✓			✓	✓				
Equipment Racks & Cabinets....44	✓	✓	✓		✓														
Patch Panels 45	✓	✓	✓		✓														
Power: Switches & Indicators ...47	✓					✓													
Power: Battery & Fuse Holders.48	✓		✓			✓													
Radio Components.....49	✓																		
Test & Measurement.....50	✓		✓		✓			✓	✓	✓									
Tools 51	✓		✓		✓			✓	✓	✓									
Installation Services.....52	✓						✓												

Adapters and Connectors

Infinite Electronics offers a wide variety of high-performance adapters and connectors designed to provide seamless connections between different interface types, frequencies, and configurations. Adapters ensure signal integrity, minimize loss, and deliver reliable performance across RF, coaxial, fiber, and data applications. Built with precision engineering and durable materials, these solutions are ideal for bridging compatibility gaps, supporting rapid prototyping, or enabling system flexibility in the field. With options ranging from standard to specialty designs, Infinite Electronics adapters and connectors give customers the confidence to connect with efficiency, accuracy, and long-term dependability.

ADAPTERS & CONNECTORS		DESCRIPTION & APPLICATIONS	BRAND
Twinax		Twinax TRB and BNC connectors are designed for two inner conductors plus a shield, supporting balanced twinaxial cables. **Applications**: MIL-STD-1553 Data Buses, Avionics, Satellites, Defense Systems, High-Reliability Data Links, Industrial and Test Equipment	MilesTek an INFINITE brand
Triax		Triax connectors (TRB, TRS, etc.) feature a center conductor surrounded by an inner and outer shield, delivering enhanced isolation and superior protection against noise. **Applications**: Broadcast Video, Professional Cameras, Medical Instrumentation, Nuclear Measurement Systems, Electro-Optical Sensors, Aerospace Electronics, and EMI-Sensitive Environments	MilesTek an INFINITE brand
RF		Broad range of RF adapters and connectors can be used in many industries requiring different connections. The various designs and interface types we offer will fit any system. **Applications**: Test and Measurement, Wireless Infrastructure, Satellite Communications, Radar Systems, and General Purpose	PASTERNACK an INFINITE brand
Ethernet/RJ45		Ethernet adapters and connectors offer a versatile solution for both commercial and industrial needs for running Ethernet connections into enclosures, racks, panels, premise-wiring and for terminating cables. **Applications**: Voice and Data, Telecommunications, Industrial Automation, LAN, Racks and Panels, Premise Wiring, WiFi, Commercial Electronics, Power Over Ethernet, Networking, and Cable Termination	L-com an INFINITE brand
M12		Full line of Ethernet, sensor and power M12 connectors and adapters for demanding industrial and outdoor environments that are built to withstand moisture, vibration and harsh conditions where standard connectors would fail. **Applications**: Industrial Automation, AC/DC Power, Ethernet, Sensors and Actuators, Power Over Ethernet, Food and Beverage, Test Equipment, Factory Control, Transportation, Robotics, and I/O Connectivity	L-com an INFINITE brand
Digital Audio Video		Digital audio and video connectors and adapters deliver reliable, high-performance signal transmission for professional AV installations and demanding digital environments. Designed for precision and durability. **Applications**: Digital Signage, Home Theater, Professional AV, Conference Rooms, Broadcast, Premise Wiring, Medical Devices, Gaming, Commercial Electronics and Industrial Applications	L-com an INFINITE brand

ADAPTERS & CONNECTORS		DESCRIPTION & APPLICATIONS	BRAND
Analog Audio Video		Analog audio and video connectors and adapters offer dependable, high-quality signal connections for legacy and professional AV systems. With a wide range of RCA, 3.5mm, VGA, and BNC options, these solutions ensure clear audio and video performance in any setup. **Applications**: Home Theater, AV Installations, Studios, Classrooms, Commercial Electronics, and Auditoriums	Show Me CABLES an INFINITE brand
USB		USB connectors and adapters deliver reliable, high-speed data transfer and power connectivity across a wide range of devices and environments. Available in USB 2.0, 3.0, 3.1 and 4.0 configurations that are designed for performance and longevity. **Applications**: Consumer Electronics, Medical Devices, Industrial Automation, PC Peripherals, Test and Measurement, Data Acquisition, Video and Data Transfer, and Charging	L-com an INFINITE brand
D-Subminature		D-sub connectors and adapters provide secure, high-density connections for data, video, and control signals. Engineered for rugged use, they maintain signal integrity in industrial and commercial applications. **Applications**: Data Communication, I/O, Test and Measurement, Control Panels, Racks/Panels, and RS Style Signaling	L-com an INFINITE brand
IEEE-488-GPIB		GPIB or IEEE-488 connectors and adapters provide reliable, high-speed connections for test and measurement systems to ensure precise communication between instruments. They are built for durability and long-term performance while minimizing signal degradation in complex setups. **Applications**: Laboratories, Test and Measurement, Automated and Industrial Test Control, Data Acquisition, and Scientific Research	L-com an INFINITE brand
Data		Data adapters including DIN, FireWire and SCSI enable reliable and high performance data transfer with minimal signal loss. **Applications**: Computing Interfaces, Data Storage, Server Connectivity, Labs and Test Equipment, Industrial Automation and Control, and Legacy Computing Interfaces	L-com an INFINITE brand
Fiber Optics		Fiber optic couplers to meet your specific design requirements. These couplers can be used with PC or UPC style fiber connectors. **Applications**: Best for Data Centers, Telecom, Enterprise, and High-Density and Patch Panels	L-com an INFINITE brand

ADAPTERS & CONNECTORS		DESCRIPTION & APPLICATIONS	BRAND
Audio/Video Switches/ Splitters		Audio/video switches and splitters provide seamless routing and distribution of high-quality signals in professional and residential environments. Designed for reliability and minimal signal degradation, they simplify complex AV setups. **Applications**: Conference and Meeting Room AV Systems, Home Theater, Multimedia, Digital Signage, Education, and Medical Devices	L-com an INFINITE brand
USB Switches		USB switches and hubs provide reliable, high-speed connectivity and easy device management for both office and industrial environments. Engineered for durability and consistent performance, they simplify USB expansion and sharing. **Applications**: Workstations, Office Expansion, Test And Measurement, Multimedia and Peripheral Device Management, PC Connectors, Data Transfer and Device Sharing, Industrial Control and Monitoring	L-com an INFINITE brand
D-Subminature Switches		D-Sub switches provide reliable signal routing for data, video, and control applications. They ensure minimal signal loss for complex systems. **Applications**: Data, Video, Control Networking, Industrial Control, Data Communications, RS Style Communication, Laboratory Instrumentation, Backup and Failover Data Connections	L-com an INFINITE brand
IO Switches		Power entry module is rated for a maximum current of 10 A and a voltage rating of 250 V. **Applications**: Industrial Control Systems, Power Distribution, Automation Equipment, and Electrical Panels	L-com an INFINITE brand
Pin and Socket Contacts		QPL listed contacts following M29600, M39029 military standards for use in MIL-C-29600, MIL-DTL-83723, MIL-C-81659, and MIL-DTL-38999 series connectors. **Applications**: Avionics, Military And Commercial Aircraft, Ground Vehicles, Shipboard Systems, Satellites and Space Equipment, Defense Communications, Industrial and Aerospace Test Equipment	Aiconics an INFINITE brand
Power Connectors		Full range of NEMA and IEC type power connectors up to 20A and 250V offered in a variety of termination styles. **Applications**: Equipment Inlets/Outlets, Power Cord Repairs, and Custom Power Cord Assemblies	L-com an INFINITE brand
Power Entry Models		Power entry modules provide solutions for integrating electrical outlets into equipment, along with many other features including on/off switches, fuse holders and EMI filtering. **Applications**: NEMA Inlets and Outlets, IEC Inlets and Outlets, Switch Controlled Inlets and Outlets, Fused Inlets, and Filtered Inlets	L-com an INFINITE brand
Connector Accessories		Sealing plugs, insert / extraction tools. MS27488, MS3187, and MS25251 series connector grommet end sealing plugs to protect unused cavities on a wide range of Mil-spec connectors including Deutsch, Cannon, Matrix and more. **Applications**: Circular Connectors with Grommet Cavity Sizes Ranging from Size 0 to Size 23	Aiconics an INFINITE brand

ADAPTERS & CONNECTORS		DESCRIPTION & APPLICATIONS	BRAND
Circular Power Connectors		Environmentally sealed circular power connectors provide secure, robust and watertight connections in heavy duty, industrial and harsh environments. **Applications**: Industrial Printing, Marine and Pond Aeration, Renewable Energy, Industrial Automation, Environmental Monitoring, and Water Treatment	bulgin
Circular Data Connectors		Dust and waterproof and include a wide variety of sealed circular connectors designed specifically for Ethernet, USB, USB-C and SMB applications. **Applications**: Data Logging, Industrial Control, Equipment Monitoring and Diagnostics, Laboratory Automation, Vacuum Packaging, Analytical Instrumentation, and Consumer Electronics	bulgin
Circular Fiber Connectors		Consisting of Simplex, Duplex, and Expanded Beam connectors, this fiber connector range is rated to IP68 and able to withstand some of the harshest environments. **Applications**: Dust and Waterproof and Include a wide variety of Sealed Circular Connectors Designed Specifically for Ethernet, USB, USB-C, HDMI, and SMB	bulgin
Circular Automation Connectors		Ideal connectivity solution for industrial automation technologies that require fast, secure and reliable connections. **Applications**: Industrial Robotics, Packaging Equipment, Process Control Systems, Food and Beverage Processing, and Industrial Printing	bulgin
Rectangular Connectors		Reliable, rugged solution for cable to cable applications in harsh environments with its environmentally sealed range of products. **Applications**: Unmanned Surface Vehicles, Boat and Yacht Lighting, GPS Marine Equipment, Traffic Lights, Lorry and Truck LED Lighting, Transport Refrigeration, Power Diagnostics, Agricultural Pickers, Solar Light Panels, and Solar Battery Enclosures	bulgin

Antennas

Infinite Electronics offers a broad portfolio of antennas engineered to provide reliable, high-performance connectivity across wireless, IoT, cellular, Wi-Fi, GPS, and satellite applications. Designed for optimal signal strength, coverage, and efficiency, our antennas are available in a wide range of styles, frequencies, and form factors to support both standard and specialized requirements. Built with durability and precision, they perform in challenging environments and demanding applications, from industrial and transportation to defense and communications. With Infinite Electronics antennas, customers can count on dependable wireless performance, flexible integration, and proven results.

ANTENNAS		DESCRIPTION & APPLICATIONS	BRAND
Antenna Mounts		Robust antenna mounts provide versatile mounting solutions for securing antennas to rooftops, walls, poles, or vehicles in indoor and outdoor installations. **Applications**: Wireless Networking, Two-Way Radio Systems, Vehicle Communications, Indoor Signal Distribution, Outdoor Coverage Extension, Base Stations, and Surveillance Systems	Show Me CABLES an INFINITE brand
Directional Antennas		High-gain antennas engineered to focus RF energy in a specific direction, providing long-range point-to-point connectivity and enhanced signal strength with reduced interference. **Applications**: Wireless Bridges, Backhaul Links, Building-To-Building Networks, Surveillance Systems, Remote Telemetry, and IoT Gateways	L-com an INFINITE brand
Omni-directional Antennas		Broad-coverage antennas designed for uniform 360° radiation, delivering reliable connectivity for multipoint wireless systems and mobile environments. **Applications**: Wi-Fi Access Points, Base Stations, Industrial Iot, Smart Infrastructure, Fleet Tracking, and Outdoor Wireless Coverage	L-com an INFINITE brand
GPS Antennas		Precision-tuned antennas optimized for L1, L2, and L5 bands to ensure high-accuracy positioning, timing, and navigation in demanding environments. **Applications**: GNSS Receivers, UAVs, Automotive Navigation, Surveying, Timing Synchronization, and Defense PNT Systems	PASTERNACK an INFINITE brand
Mobile Antennas		Rugged antennas engineered for mobile installations (vehicles, vessels, field equipment) that deliver reliable connectivity under vibration, motion, and varying environments. **Applications**: Fleet Vehicles, Emergency Service Vehicles, Construction Equipment, Marine Vessels, Mobile Base Stations, and Remote Telemetry	L-com an INFINITE brand
Patch Antennas		Compact, low-profile antennas designed for surface-mount installations that offer directional or near-omnidirectional coverage with a minimal footprint—ideal for tight spaces and embedded systems. **Applications**: IoT Devices, Embedded Wireless Modules, Vehicle Telematics, GPS/GNSS Receivers, UAVs/Drones, and Fixed-Wireless Terminals	L-com an INFINITE brand

Cable Assemblies: **Data**

Infinite Electronics provides a wide range of data cable assemblies engineered for speed, reliability, and consistent performance in today's high-demand networks. Our assemblies support Ethernet, USB, HDMI, and other critical data transmission standards, ensuring secure and efficient connectivity across IT, industrial, and communications environments. Built with precision and durable materials, these cable assemblies minimize signal loss, reduce downtime, and deliver long service life even in challenging conditions. With both standard and custom options available, Infinite Electronics data cable assemblies offer the flexibility and performance customers need to keep their systems connected and operating at peak efficiency.

CABLE ASSEMBLIES: DATA		DESCRIPTION &PPLICATIONS	BRAND
Ethernet		Ethernet cable assemblies deliver reliable, high-speed network connectivity for commercial, industrial, and residential environments. Designed for durability and consistent performance. **Applications**: Office and Enterprise Network Installations, Data Centers, Racks and Panels, Servers, Industrial Automation and Control, IP Based Security and Cameras, Home Networking, Voice Communications, Telecommunications, LAN, Premise Wiring, Power Over Ethernet, and WiFi	L-com an INFINITE brand
M12		M12 cable assemblies provide rugged, reliable connections for industrial automation, sensors, and machinery. Engineered for durability in harsh environments, they maintain signal integrity under vibration, moisture, and temperature extremes. **Applications**: Industrial Automation, Sensors and Actuators, Industrial Ethernet and FieldBUS Networks, Harsh Environment Machinery and Equipment, Process Control and Monitoring, and Transportation	L-com an INFINITE brand
Digital Audio Video		Digital video cable assemblies, including HDMI, DVI, and DisplayPort, deliver high-quality, high-speed signal transmission for professional and consumer AV systems. Designed for durability and minimal signal loss, they ensure crisp, reliable video and audio performance. **Applications**: Home Theater and Entertainment, Gaming, Pro Video Production, Conference Rooms and Office Setups, Digital Signage, Monitor and Displays, Multimedia Systems, and Medical Devices	L-com an INFINITE brand
Analog Audio Video		Analog audio/video cables deliver reliable signal transmission for audio and video applications in both home and professional environments. Built for durability and consistent performance, they minimize interference and signal loss. **Applications**: AV Equipment Including Legacy, Sound Systems, Multimedia Devices, Theaters, Commercial, Mixing, Classrooms, and Conference Rooms	Show Me CABLES an INFINITE brand
USB		USB cable assemblies provide reliable, high-speed data transfer and power delivery for a wide range of devices. Engineered for durability and consistent performance, they ensure minimal signal loss and long-term reliability. **Applications**: Computer and Peripheral Connectivity, Office Work Stations, Test and Measurement, Device Charging, Industrial Control and Monitoring, Data Transfer, Camera and Surveillance Systems	L-com an INFINITE brand
D-Subminature/ Serial		D-Sub cable assemblies provide reliable, high-density connections for data, video, and control signals in demanding environments. Designed for durability and signal integrity. **Applications**: Instrumentation and Communication Systems, Peripheral Devices, RS Style Communications, Test and Measurement, Laboratories, Industrial Control and Automation, and Networking Interfaces	L-com an INFINITE brand

CABLE ASSEMBLIES: DATA		DESCRIPTION & APPLICATIONS	BRAND
IEEE-488 GPIB		GPIB (IEEE-488) cable assemblies provide reliable, high-speed connections for test and measurement instruments, ensuring accurate data transfer in complex systems. Built for durability and long-term performance, they maintain signal integrity. **Applications**: Test and Measurement, Instrumentation Networks, Research Laboratories, Data Acquisition, Legacy Communication and Control	L-com an INFINITE brand
Data		Data cable assemblies including DIN, FireWire and SCSI enable reliable and high performance data transfer with minimal signal loss under demanding conditions. **Applications**: Computing Interfaces, Data Storage, Server Connectivity, Labs and Test Equipment, Industrial Automation and Control, Legacy Computing Interfaces, and Data Storage	L-com an INFINITE brand
Mil Aero		Military-grade Ethernet cables are rugged, shielded assemblies built to withstand extreme temperatures, vibration, EMI/RFI, and harsh environments, making them ideal for mission-critical networking in defense, aerospace, and industrial applications. **Applications**: Aerospace Cabin-Management Systems, In-Flight Entertainment Networks, Ground Vehicle Trunks, Backbone Avionics Networks, and Industrial Automation Networking	MilesTek an INFINITE brand

Cable Assemblies: **Fiber Optic**

Infinite Electronics offers high-performance fiber optic cable assemblies designed to deliver exceptional speed, bandwidth, and reliability for today's most demanding applications. Built with precision terminations and low-loss components, our assemblies ensure superior signal integrity over long distances while minimizing interference. Available in a variety of connector types, fiber counts, and configurations, these solutions support single-mode and multimode networks across telecommunications, data centers, broadcast, medical, defense, and industrial environments. Engineered for durability and ease of installation, Infinite Electronics fiber optic cable assemblies provide the flexibility, performance, and long-term reliability customers need to keep mission-critical systems connected.

CABLE ASSEMBLIES: FIBER OPTIC		DESCRIPTION & APPLICATIONS	BRAND
Simplex Fiber Optic Cable		Simplex fiber optic patch cables provide a single-fiber connection for high-performance data transmission between network devices and is available in single mode or multimode fiber. **Applications:** Data Centers, Telecommunications Networks, Enterprise Networks, Broadcast and Media, Military and Aerospace Systems	L-com an INFINITE brand
Duplex Fiber Optic Cable		Reliable, high-performance duplex fiber cable assemblies for fast, bi-directional connections available in single mode or multimode fiber. **Applications:** Data Centers, Telecommunications Networks, Enterprise Networks, Broadcast and Media, Military and Aerospace Systems	L-com an INFINITE brand
Multi-Fiber Cable Assembly		Multi-Fiber Breakout Cable assemblies are designed for connecting transmission equipment to patch panels or other fixed network points. It features a flame-rated jacket and precision connectors that deliver reliable performance in high-speed network applications. **Applications:** Data Centers, Telecommunications Networks, Enterprise Networks, Broadcast and Media, Military and Aerospace Systems	L-com an INFINITE brand
DAC		A DAC cable is a cost-effective, high-speed solution for short-range data connections, providing direct electrical connectivity between switches, servers, and network equipment delivering low latency, high bandwidth, and reliable performance for 10G, 25G, 40G, 100G, and higher Ethernet applications. **Applications:** Ideal for Data Centers and High-Performance Computing Environments	integra optics an INFINITE brand
Active Optical Cable (AOC)		Active Optical cables from 10Gbps to 400Gbps. Available in direct connection and breakout configurations. Multiple form factors, can be coded for platform compatibility. Various cable lengths available. **Applications:** Data center, AI networks, Top-of-Rack (TOR) Connectivity, End-of-Row (EOR) Connectivity, and High Speed Networking	integra optics an INFINITE brand

Cable Assemblies: **Harness**

Infinite Electronics provides custom and standard harness cable assemblies engineered to simplify complex wiring, improve organization, and enhance system reliability. Designed to bundle multiple cables and connectors into a single, efficient assembly, our harness solutions reduce installation time, minimize errors, and improve serviceability. Built with durable materials and precision manufacturing, they deliver consistent performance in demanding environments such as industrial automation, automotive, medical, aerospace, defense, and telecommunications. By offering tailored configurations to meet exact customer specifications, Infinite Electronics harness cable assemblies provide a reliable, space-saving, and cost-effective solution for managing critical connectivity.

CABLE ASSEMBLIES: HARNESS		DESCRIPTION & APPLICATIONS	BRAND
Special Vehicles		Special-purpose vehicles, such as cranes and fire trucks, require complex cabling systems that span a wide range of lengths, from just a few centimeters up to 35 meters. These systems often feature multiple branches and connections, reflecting the intricate demands of their operational environments. **Applications:** Mobile and Crawler Cranes, Mining Vehicles, Special-Purpose Vocational Vehicles, and Defense	capable an INFINITE brand
Agricultural Vehicles		Such wiring harness must work under high loads and meet stringent requirements resulting from working in a difficult, harsh environment, with variable temperature and humidity. Water resistance is crucial to achieving the maximum extended life cycle of the wiring harness. **Applications:** Seeders, Sprayers, Spreaders, Harvesters, Specialized Trucks, and Ski Slope Preparation	SCHRADE KABELTECHNIK an INFINITE brand
Medical Industry		High-reliability cable assemblies and harness solutions designed for demanding healthcare environments. Our products are built to meet strict quality and regulatory standards, ensuring safe and consistent performance. **Applications:** Laboratory and Analytical Instruments, Surgical and Therapy Devices, Diagnostic and Imaging Equipment.	capable an INFINITE brand
Aviation Industry		Customized cable assemblies and wire harness solutions that meet the highest aerospace standards for reliability, safety, and performance. With certified processes and a strong track record in the aviation supply chain, we support both commercial and defense programs. **Applications:** Avionics, Lighting and Interior Systems, Galley and Seating Equipment, and Control Systems.	capable an INFINITE brand
Robots		To maintain stability and the highest quality of electrical connections, presses and automatic applicators are used for crimping the terminals, equipped with a built-in CFA module, which allows for an accurate analysis of the force of the performed clamp. **Applications:** Surgical Robots, Robotic Arms, Pick-and-Place Systems., Cobots, AGVs, and Drones	capable an INFINITE brand
Power Engineering		Designed with multiple protective elements, power engineering cables are built to withstand constant vibration and abrasion—ensuring long-term safety and durability in any environment. **Applications:** Power Plants, Busbar Interconnects, Wind Turbines, EV Charging Infrastructure, Marine and Offshore, Test Benches, and Data Centers	SCHRADE KABELTECHNIK an INFINITE brand

CABLE ASSEMBLIES: HARNESS		DESCRIPTION & APPLICATIONS	BRAND
Automotive		Automotive applicatons are one of the most demanding, and due to the wide range of applications for such cabling, they are highly customized, unique and tailored to the customer's needs and expectations. **Applications:** Electrification, Special-Purpose Vocational Vehicles, Sports Vehicles, and Defense	SCHRADE KABELTECHNIK an INFINITE brand
Railway Industry		With components from trusted names like Harting, TKD, and HUBER+SUHNER, and assembly performed to the highest standards, we deliver railway solutions that meet the industry's toughest demands for quality and durability. **Applications:** Railway Signaling, Train Control Systems, Passenger and Freight Trains, Railway Infrastructure, and Industrial Rail Automation	SCHRADE KABELTECHNIK an INFINITE brand

Cable Assemblies: **Power**

Infinite Electronics offers a broad range of power cable assemblies designed to deliver safe, reliable, and efficient power distribution across critical systems. Engineered with high-quality conductors, durable insulation, and robust connectors, our assemblies ensure dependable performance and long service life, even in demanding environments. Available in standard and custom configurations, they support applications in industrial automation, telecommunications, medical equipment, defense, and data centers. By combining precision manufacturing with rigorous quality standards, Infinite Electronics power cable assemblies provide customers with trusted solutions that maintain continuous operation and protect valuable equipment.

CABLE ASSEMBLIES: POWER		DESCRIPTION & APPLICATIONS	BRAND
Power Cords		Broad range of power cords including AC, DC, Locking, Hospital Grade, International, LSZH, NEMA 5-15P, C5, C13, C14, C15, C19, C20 and High Temp. **Applications:** Data Centers, Industrial Automation, Hospitals, Construction Sites, and Office Equipment	Show Me CABLES an INFINITE brand
Power Distribution Units		Extensive selection of rackmount AC and DC power distribution units and intelligent power systems to deliver power to critical equipment, including models with integrated surge protection. **Applications:** Telecommunications Base Stations, Industrial Automation, Land Mobile Radio, Utilities, and Office Equipment	TRANSTECTOR an INFINITE brand
EV Charging Cables		EV charging cables provide robust solutions for EV drivers to access J1772 and CCS1 type charging stations. **Applications:** Level 1 and 2 Electric Vehicle Charging Stations, Businesses, Shopping Centers, Dwelling Units, and Parking Garages	TRANSTECTOR an INFINITE brand
EV Charging Adapter		Replacement EV charging cables provide robust replacement of J1772 type charging systems. **Applications:** Level 1 and Electric Vehicle Charging Stations, Businesses, Shopping Centers, Dwelling Units, and Parking Garages	TRANSTECTOR an INFINITE brand

Cable Assemblies: **RF**

Infinite Electronics manufactures a wide selection of RF cable assemblies engineered for superior signal integrity, low loss, and reliable performance across high-frequency applications. Available in standard and custom configurations, our assemblies feature precision connectors, durable construction, and tight tolerances to ensure consistent results in even the most demanding environments. Supporting applications in telecommunications, aerospace, defense, test and measurement, and broadcast, these solutions deliver the performance required for mission-critical RF systems. With quick-turn availability and rigorous quality assurance, Infinite Electronics RF cable assemblies provide customers with dependable connections they can trust.

CABLE ASSEMBLIES: RF		DESCRIPTION & APPLICATIONS	BRAND
6G/12G SDI Cable		75 Ohm 6G/12G SDI cable assemblies meet standards SMPTE ST 2081/ SPTE ST 2082 and are designed with high data transfer rates. **Applications:** Video and Broadband UHDTV, Broadcast A/V, 4K/8K Video Equipment, and Medical Equipment Requiring High Speed Video	PE PASTERNACK an INFINITE brand
Cable Accessories		Cable accessories can help provide weatherproofing, bend protection, cable identification, or connector interface protection. **Applications:** Harsh Environments, In-Field Installation, and Cable Management	L-com an INFINITE brand
Flexible Cable		Standard and custom RF cable assemblies for a variety of industry uses. The flexibility allows ease of use when installing and maneuvering the cable. **Applications:** General Purpose, Test and Measurement, Communications Systems, and Lab Use	PE PASTERNACK an INFINITE brand
High-Voltage Cable		High voltage coax cables can operate at temperatures ranging from -65 to +200 degrees C. **Applications:** Semiconductor Testing, Broadcast Stations, Radar Systems, Research and Development, and Military and Defense	PE PASTERNACK an INFINITE brand
Hi-Rel Cable		Hi-Rel cable assemblies come with lot traceability, test reports, and are built using industry standard procedures to ensure consistent performance when it matters most. **Applications:** High Reliability, Avionics, Military Electronics, IFF, SATCOM, ECM, Extreme Temperatures, and Mission Critical	PE PASTERNACK an INFINITE brand
Low Loss Cables		Low loss flexible cables are ideal for applications where flexure and signal performance is required. **Applications:** General Purpose, Test and Measurement, Communications Systems, and Lab Use	PE PASTERNACK an INFINITE brand
Low Outgassing Space Cables		Low outgassing and radiation resistant cable assemblies built to IPC-A-620 Class 3 standard. **Applications:** Low Earth Orbit (LEO), Vacuum Environments, Satellites, Space (Exploration, Launches, Maintenance, Stations), and Ground Systems	PE PASTERNACK an INFINITE brand

CABLE ASSEMBLIES: RF		DESCRIPTION & APPLICATIONS	BRAND
Low PIM Cable Assemblies		Low PIM cable assemblies have PIM ratings lower than -160 dBc with a wide range of connector and cable options. **Applications:** Distributed Antenna Systems (DAS), Riser or Plenum Installations, Multi-Carrier Communication Systems, Low PIM Applications	PASTERNACK an INFINITE brand
MIL-STD Cables		High-reliability coaxial and twin-axial cable assemblies designed to meet military specifications (e.g., MIL-DTL-17) and MIL-STD interface requirements, engineered for rugged, harsh-environment performance in aerospace, defense, and telecommunications systems. **Applications:** Avionics Interconnects, Radar Systems, Satellite and Ground Station Links, and Military Communication Networks	PASTERNACK an INFINITE brand
Non-Magnetic Cables		Non-magnetic cable assemblies have low magnetic susceptibility and are used for transmission of RF signals within a magnetic field. **Applications:** Medical, Quantum Computing, and Military/Aerospace	PASTERNACK an INFINITE brand
Semi-Rigid/ Conformable Cables		Semi-rigid cable assemblies offer excellent shielding to maintain signal integrity throughout the length of the cable. The conformable cables are mechanically similar to semi-rigid cables but with the ability to be hand formed during installation. **Applications:** Military/Aerospace, Test and Measurement, Medical, Telecommunications, and In-Box Installations	PASTERNACK an INFINITE brand
Test Cables		RF test cable assemblies are durable and reliable choices for your RF analyzer port needs. Our offering of VNA, armored, and ruggedized flexible test cable assemblies will fit any test and measurement system. **Applications:** Test and Measurement, Lab Use, Bench Top Testing, and Production Testing	PASTERNACK an INFINITE brand
VITA 67 Cables		VITA 67 cable assemblies are designed to meet the VITA industry standard. These assemblies allow for high-density and rugged RF interconnect solutions. **Applications:** Scientific Research, Aerospace/Defense, Ground Base Station, Communication Systems, Radar Systems, and Avionics	PASTERNACK an INFINITE brand
Twinax Cables		Rugged twinaxial shielded cables for MIL-STD-1553B and other differential-signal buses, suitable for harsh environments, with lab-rated, high-temperature, vacuum, halogen-free, or plenum options. **Applications:** Avionics Data Buses, Military Vehicle Communication Networks, Satellite and Space Systems, Radar and Electronic Warfare Systems, Naval Communication Systems, and Flight Simulators	MilesTek an INFINITE brand

Cable: **Data**

Infinite Electronics offers a comprehensive range of data cables designed to support fast, reliable, and secure transmission in modern electronic systems. Built for performance and durability, our data cables include Ethernet, USB, HDMI, and other high-speed options to meet the demands of networking, IT infrastructure, industrial automation, medical devices, and consumer electronics. Engineered to minimize signal loss and withstand daily wear, these cables provide consistent connectivity across short- and long-distance applications. With both standard and specialty designs available, Infinite Electronics data cables deliver the flexibility and performance required to keep systems seamlessly connected.

CABLE: DATA		DESCRIPTION & APPLICATIONS	BRAND
Ethernet		Ethernet cable provides flexible, high-performance cabling for commercial, industrial, and residential network installations. Engineered for durability and consistent signal integrity, it supports high-speed data transmission over long distances **Applications:** Enterprise Wiring, Premise Installations, Industrial Automation, Shipboard, Data Centers, Aerospace, Control Networks, IP Based Security and Surveillance, Networking Infrastructure, Telecommunications	L-com an INFINITE brand
Audio Video		Audio/video cable delivers reliable signal transmission for professional and residential AV installations. Built for durability and consistent performance, it minimizes interference and signal loss over both short and long runs. **Applications:** Premise Wiring, Conference and AV Room Builds, Classrooms, Theaters, Legacy Video Equipment, Assembly Building, Field Repair and Termination	Show Me CABLES an INFINITE brand
Multi-Conductor/ Serial		D-Sub cable provides reliable, high-density wiring for data, video, and control signals in industrial, commercial, and computing environments. **Applications:** Control Wiring, RS Style Communication, Industrial Control and Automation, Computer and Peripheral Connections, Data and Network Communications, Laboratory Use, Test and Measurement	L-com an INFINITE brand
USB		USB cable provides reliable, high-speed data transfer and power delivery for a wide range of devices with options available for LSZH, outdoor, industrial and high flex to build to your exact application needs. **Applications:** Field Installs and Repair, Computer and Peripheral Connectivity, Office Workstations, Test and Measurement, Industrial Control, Data Transfer, Device Charging	L-com an INFINITE brand
BUS		Bus cables, including Profibus, AS-Interface (ASi Bus), and CAN Bus types, provide dependable communication links for industrial automation and control systems. **Applications:** ASi Bus, CAN Bus, Profibus, Factory and Process Automation, Industrial Control and Monitoring, Plcs, Sensor and Actuator Communication, Fieldbus Networks	L-com an INFINITE brand
Custom-Designed Data and Signal Cables		Specialized in engineered custom-build cables tailored to complex data and signal transmission needs. We partner with customers to design and produce solutions that balance electrical performance, mechanical durability, and regulatory compliance. **Applications:** High-Speed Data Connections, Industrial Automation and Control Systems, Test and Measurement Devices, Harsh-Environments	capable an INFINITE brand

Cable: **Fiber Optic**

Infinite Electronics provides a broad selection of fiber optic cables engineered for high-speed, high-bandwidth data transmission with exceptional signal integrity. Available in single-mode and multimode constructions, our fiber optic cables deliver low-loss performance over long distances, making them ideal for telecommunications, data centers, broadcast, medical, and industrial applications. Built with durable materials and precise manufacturing, these cables withstand demanding environments while ensuring consistent, reliable connectivity. With a variety of configurations, jacket types, and connector compatibility, Infinite Electronics fiber optic cables offer the flexibility and performance customers need for today's mission-critical networks.

FIBER OPTIC CABLE		DESCRIPTION & APPLICATIONS	BRAND
Simplex Cable		Single-fiber cable designed for flexible, high-performance connections. Ideal for patch panels, equipment interconnects, and in-building backbone runs. **Applications:** Enterprise Wiring, Premise Installations, Industrial Automation, Shipboard, Data Centers, Aerospace, Control Networks, IP Based Security and Surveillance, Networking Infrastructure, and Telecommunications	Show Me CABLES an INFINITE brand
Duplex Cable		Two-fiber cable enabling simultaneous bi-directional transmission. Perfect for short- and long-distance links in data centers and enterprise networks. **Applications:** Premise Wiring, Conference and AV Room Builds, Classrooms, Theaters, Legacy Video Equipment, Assembly Building, Field Repair and Termination	Show Me CABLES an INFINITE brand
Multi-Fiber Cable		High-density cable containing multiple fibers in one jacket for efficient backbone or trunk connections. Supports scalable, high-speed network deployments. **Applications:** Control Wiring, RS Style Communication, Industrial Control and Automation, Computer and Peripheral Connections, Data and Network Communications, Laboratory Use, and Test and Measurement	Show Me CABLES an INFINITE brand

Cable: **Power**

Infinite Electronics manufactures a wide range of power cables designed to deliver safe, efficient, and reliable energy transfer across critical systems. Engineered with high-quality conductors, robust insulation, and durable jackets, our power cables provide consistent performance in both standard and harsh environments. Suitable for applications in industrial automation, telecommunications, medical devices, defense, and data centers, these cables are built to handle demanding voltage and current requirements while ensuring long service life. With multiple sizes, configurations, and material options available, Infinite Electronics power cables give customers the dependable solutions they need to keep operations running smoothly.

Certifications:

CABLE: POWER		DESCRIPTION & APPLICATIONS	BRAND
Data Center Applications		UL-certified power cables deliver reliable 400VDC and 800VDC directly to data center racks, maximizing power usage efficiency (PUE) and reducing conversion losses. Designed for high-density environments, they ensure stable, efficient power delivery for mission-critical operations. **Applications:** High-Density Data Center Racks, Power Distribution Units, Server Infrastructure, Edge Computing, Cloud Facilities, and Modular Data Centers	KCINDUSTRIE an INFINITE brand
Airport Applications		400 Hz airport cables supply low-voltage, high-frequency power from ground units to aircraft at gates or maintenance areas, ensuring safe and efficient operation during servicing. **Applications:** Power and Control Interfaces Between Aircraft and Ground Equipment, Ground Power Units, and Airport Maintenance Systems	KCINDUSTRIE an INFINITE brand
Wind Turbine Applications		Power and control cables designed for flexible use under torsional stress and extreme conditions, ensuring reliable performance in wind turbine systems. **Appplications:** Wind Turbine Plants, Renewable Energy Systems, High-Temperature Environments, Vibration Resistance, and Torsional Stability	KCINDUSTRIE an INFINITE brand
Battery Applications		Power supply cables for electric vehicle charging systems, offering flexibility in low temperatures and high resistance to abrasion, oil, and chemicals. Certified to IEC 62893-4-1 for reliable DC power delivery. **Applications:** DC Fast Charging Stations, Electric Vehicle Infrastructure, and Battery Energy Storage Systems	KCINDUSTRIE an INFINITE brand
Drum Reeling Applications		Low-voltage flexible power and control cables engineered for continuous winding and unwinding in demanding reeling applications. **Applications:** Port and Harbor Cranes, Bridge Cranes, Container Cranes, and Moving Industrial Installations	KCINDUSTRIE an INFINITE brand
ITM Applications		Power and control cables specifically designed and certified for the Italian market, ensuring compliance and reliable performance. **Applications:** Industrial Facilities, Infrastructure Projects, and Commercial Installations	KCINDUSTRIE an INFINITE brand

CABLE: POWER		DESCRIPTION & APPLICATIONS	BRAND
Solar Power Applications		Flexible single-core cables designed for photovoltaic installations, providing reliable power transfer in solar energy systems. **Applications:** Photovoltaic Panels to Inverters, Solar Tracker Systems, and Renewable Energy Installations	KCINDUSTRIE an INFINITE brand
Data Applications		Flexible data cables for reliable signal transmission in control, measurement, and communication systems. **Applications:** Control and Signal Lines, Computer Electronics, Electronic Control Equipment, and Weighing Systems	KCINDUSTRIE an INFINITE brand
Plus		High-mechanical-strength power, control, and data cables for moving or fixed installations, engineered to withstand harsh industrial conditions, abrasion, and mechanical stress. **Applications:** Fixed or Moving Installations Exposed to Chemicals, Oils, Water, Crushing, EMI, Extreme Temperatures, and Other Harsh Environmental Conditions	KCINDUSTRIE an INFINITE brand
Servo Motor Applications		EMC-compliant, low-capacitance, double-screened cables for reliable servo motor and VFD connections, minimizing interference in industrial environments. **Applications:** VFD Power Supply Connections to Frequency Converters, Servo Motors in Fixed or Moving Installations, Robotics, Automated Machinery, and Industrial Automation Systems	KCINDUSTRIE an INFINITE brand
Flex		Flexible power, control, and data cables engineered for industrial use, ideal for both stationary and occasional flexing applications. **Applications:** Power, Control, and Data Connections in Industrial Installations, Moving Machinery, and Environments Requiring Occasional Flexing	KCINDUSTRIE an INFINITE brand






CABLE: POWER		DESCRIPTION & APPLICATIONS	BRAND
Crane, Conveyor and Lift Cables		Crane, conveyor, and lift cables are durable and flexible, built to withstand constant motion and harsh environments while ensuring reliable power and control for material handling and lift systems. **Applications:** Material Handling Systems, Overhead Cranes, Hoists, Conveyor Systems, Elevators, Freight and Passenger Lifts, Industrial Automation, and Construction Equipment	TKD an INFINITE brand
Cables and Wires for Fixed Installations		Cables and wires for fixed installations are used in nearly all types of electrical setups, including buildings, infrastructure, switchboards, and cabinet installations. **Applications:** Power Distribution in Residential, Commercial, and Industrial Buildings; Internal Wiring of Switchboards and Control Cabinets; Fixed Connections in Infrastructure Projects and Electrical Installations	TKD an INFINITE brand
RADOX® Special Cables (for Automotive and Marine applications)		Electron beam cross-linked RADOX® single core and multi core cables from HUBER+SUHNER for use in road and off-road vehicles. **Applications:** RADOX® Connection and Power Cables for Wiring Road Vehicles, Off-Road Vehicles, Buses, Construction Machinery, and Agricultural Machinery, and Marine Applications	TKD an INFINITE brand
Spiral Cables		Spiral cables are designed to withstand extreme mechanical stress, enduring elongation, bending, and torsion simultaneously. Their high flexibility makes them ideal for delivering power or data in dynamic, three-dimensional movements, such as in handling systems or medical technology. **Applications:** Robust, Low-Abrasion Connecting Cable for Electrical Facilities, Hand Tools, Agricultural and Construction Equipment, and Electrical Machines. Suitable for use in Dry or Outdoor Environments	TKD an INFINITE brand
Cable Protection		Cable protection solutions include a wide range of single- or multi-layer gutters designed to meet high technical requirements. **Applications:** Routing and Safeguarding Cables in Industrial, Commercial, and Infrastructure Installations; Protection Against Mechanical Stress, Environmental Factors, and Wear	TKD an INFINITE brand
Drag Chains Cables		Designed for installations where cabling, air lines, and hydraulic lines need mechanical support, ensuring a long service life for the system. **Applications:** Data Transmission Cable, Bus, Fieldbus for Industrial and Process Automation, Control, Motor, and Servo Drive Cables for Drag Chain Applications and Highest Requirements	TKD an INFINITE brand
Robust Cables		Robust cables are ideal as guide, control, and measuring cables, especially where unrestricted mobility is required. Suitable for machinery, plant and equipment construction, laundries, car washes, chemical industries, sewage treatment, and composting plants. **Applications:** Data, Bus, Power, and Control Cable for Electrical Systems, Machines, and Tools. Suitable for Fixed or Flexible Use in Industrial, Medical, Food, and Chemical Environments, Indoors or Outdoors, but not underground	TKD an INFINITE brand

CABLE: POWER		DESCRIPTION & APPLICATIONS	BRAND
Encoder Cables		Encoder cables are used in energy drag chains, handling systems, and robotics, with additional cores for supplying power to the connected components. **Applications:** Shielded PVC or PUR Feedback, Encoder, Resolver, and Signal Cables for EMC-Compatible Connections in Machine and Plant Engineering, Drive and Control Systems, and Drag Chain Applications	TKD an INFINITE brand
Motor Supply Cables		Motor supply cables are suitable for connecting servo and DNC motors. They are designed for occasional movement or use in energy guide and drag chains and can withstand mineral oils and mechanical stress. **Applications:** Shielded PVC or PUR Power Cables with Control Cores for EMC-Compatible Connections in Drag Chain, Robotic, and Drive Systems, Suitable for Dry or Humid Environments	TKD an INFINITE brand
Robot Cables		Robotflex cables are highly flexible and used in robotic systems both indoors and outdoors, as well as in handling equipment and systems with predefined motion sequences. **Applications:** Robotic Hybrid Cable for Highly Flexible Motion in Industrial Applications, Including Power Chains, Robots, Conveyor Systems, and Machine Tools, Suitable for Indoor and Outdoor Use Under High Mechanical Stress, Bending, and Torsion	TKD an INFINITE brand
Sensor and Actuator Cables		Sensor and actuator cables are designed for decentralized installation and control technology, offering high flexibility for new installations, modifications, and expansions through pre-assembled connection and linking cables. **Applications:** Unshielded and Shielded Electronic Cables for Data and Signal Transmission in Drag Chains, Moving Drives, Machine Tools, and Handling Automation Systems	TKD an INFINITE brand
BUS Cables		Fieldbus cable for leading BUS systems, including PROFIBUS, PA (Process Automation), MULTIBUS, INTERBUS, CAN, DeviceNet, Foundation FieldBUS, ASi-BUS, SafetyBUS, EIB, and ISOBUS **Applications:** Cables for Process Automation and Hazardous Areas to Connect Sensors and Actuators, Suitable for Fixed, Limited Flexible, or Highly Flexible Installations	TKD an INFINITE brand

CABLE: POWER		DESCRIPTION & APPLICATIONS	BRAND
Control Cables		Control cables are suitable for control, monitoring, and measuring applications, particularly for free, non-guided movements. **Applications:** Power, Control, and Connecting Cables for Fixed, Flexible, or Highly Flexible Installations in Dry, Humid, or Wet Environments. Outdoor Use Only with UV-Protected Black Sheaths. Not for underground laying	TKD an INFINITE brand
Electronic Data Cables		Data cables are suitable as control and signal cables in data, measurement, and control technology. They are ideal for connector systems, including miniature and subminiature systems up to 0.34 mm². **Applications:** Data, Control, and Connecting Cables for Analog and Digital Signal Transmission in Process-Controlled Facilities, Suitable for Fixed, Flexible, or Highly Flexible Installations in Dry, Humid, or Wet Rooms, Outdoor Use Only with UV-Protected Black Sheaths, not for underground laying	TKD an INFINITE brand
Industrial Ethernet Cables		Communication cables enable high and reliable data transmission rates while providing strong protection against electrical interference. **Applications:** Installation Cable and Outdoor Telephone Cable for Railway Station Telecommunication, in Business and Industrial Facilities, in Telecommunication and IT Systems for Lossless Transmission of Data and Signals, Suitable for Fixed Laying in Dry and Humid Rooms, On-Wall and In-Wall, Outdoor Use, no laying underground	TKD an INFINITE brand
Telecommunication Cables		Telecommunication cables are primarily used for fixed indoor installations. Static shielding allows use in critical locations with high electromagnetic compatibility (EMC) requirements. **Applications:** Installation and Outdoor Telephone Cable for Railway, Business, and Industrial Telecommunication and IT Systems, Suitable for Fixed Laying In Dry or Humid Rooms, On-Wall, In-Wall, and Outdoor Use, not for underground installation	TKD an INFINITE brand
High-Temperature Cables		High-temperature cables are designed for control applications in environments with elevated temperatures. Halogen-free versions are suitable for buildings requiring high protection for people and property, producing low-smoke, non-corrosive combustion gases. **Applications:** Heat- and Cold-Resistant Power, Control, and Connecting Cable for Fixed and Flexible Use, Suitable for Lossless Data and Signal Transmission, For Dry, Humid, and Wet Rooms, Outdoor Use	TKD an INFINITE brand

CABLE: POWER		DESCRIPTION & APPLICATIONS	BRAND
Rubber Cables		Device connection cables, typically used in mobile applications in dry and damp rooms, outdoors, and underwater. **Applications:** Power and Control Cable for Tools, Machines, Hoists, and Cranes, Suitable for Medium to High Mechanical Stress In Dry, Damp, Outdoor, Explosive, Commercial, and Agricultural Environments	TKD an INFINITE brand
Elevator Cables		Elevator cables are designed for use in elevator construction and conveyor systems. An additional textile-mixed braid over the cable core protects the conductors from external mechanical stress and reduces wear during operation. **Applications:** Unshielded and Shielded Power, Control, and Signal Cable for Lifts, Cranes, Festoon Systems, High-Rack Vehicles, Moving Cameras, and Machine Tools, Suitable for Control, Measurement	TKD an INFINITE brand
Power Cables		High-voltage cables for installation in power distribution networks above, on, inside, and under plaster, in dry, damp, and wet rooms, and in masonry and concrete, except for direct embedding in vibrated or tamped concrete. **Applications:** Power Distribution Networks, Electrical Installations, Indoor and Outdoor Wiring, Masonry and Concrete Installations	TKD an INFINITE brand
Single-Core Cables		Single-core cables according to UL/CSA and harmonized multi-norm are suitable for internal wiring of electrical devices, household and telecommunications equipment, and control cabinets. **Applications:** Unshielded and Shielded Power, Control, and Signal Cable for Lifts, Cranes, Festoon Systems, High-Rack Vehicles, Moving Cameras, And Machine Tools, Suitable For Control, Measurement, and Telecommunication Systems In Dry, Humid, Wet, and Outdoor Environments	TKD an INFINITE brand
Welding Cables		Welding cables are used as machine or handheld welding cables or as connection cables between generators and electrodes. They are designed for flexible use under harsh conditions in automotive, tool, and shipbuilding industries. **Applications:** Flexible Connecting Cable from Welding Unit to Electrode for High Mechanical Requirements Indoors, In Humid Rooms, and Outdoors	TKD an INFINITE brand

Cable: **RF**

Infinite Electronics offers a comprehensive range of RF cables engineered to deliver low-loss, high-frequency performance for critical signal transmission. Designed with precision conductors, robust shielding, and durable jackets, our RF cables ensure excellent signal integrity and minimal interference across a wide spectrum of applications. From telecommunications and broadcast to aerospace, defense, and test environments, these cables provide reliable performance in both standard and rugged conditions. With multiple sizes, impedance options, and flexible constructions available, Infinite Electronics RF cables give customers the trusted connectivity required for mission-critical RF and microwave systems.

CABLE: RF		DESCRIPTION & APPLICATIONS	BRAND
50 Ohm Coaxial Cable		Coaxial cables carry high-frequency signals with little loss. We offer high-quality coaxial cables for the transmission of high-frequency measured values, data and signals with defined characteristic impedances and narrow manufacturing tolerances in 50 Ω design. **Applications:** Industrial and Consumer Electronics, IT Systems, Transmission and Receiving Systems, and Laboratories	TKD an INFINITE brand
75 Ohm Coaxial Cable		Bulk 75 Ohm cable is ideal for applications where terminating the cable yourself is the best solution. Offered with a single or stranded center conductor. **Applications:** Broadcasting, Digital Audio/Video, CCTV, and Medical Imaging	TKD an INFINITE brand
Flexible Coaxial Cable		Flexible cable types come in a wide range of diameter and construction. Our flexible cables are rated from DC up to 110 GHz for any application. **Applications:** HighFlex or Repeated Movement, Test and Measurement, and Long Cable Runs	PE PASTERNACK an INFINITE brand
High-Voltage Cable		High-voltage coax is rated up to 40KV with compatible connectors for any custom solution. **Applications:** Semiconductor Testing, Broadcast Stations, Radar Systems, Research and Development, and Military and Defense	PE PASTERNACK an INFINITE brand
Low Loss Coaxial Cable		Low loss coaxial cables come in a variety of flexibility types including corrugated, flexible, and semi rigid. The unique structure allows for excellent performance and minimal attenuation per foot. **Applications:** Telecommunications, Radar, Satellite Systems, and Military, and Defense	PE PASTERNACK an INFINITE brand
Low PIM Cable		Low PIM cable comes in a variety of diameters and construction types. Additionally, these cables are available with CMR or CMP ratings. **Applications:** Telecommunications, Distributed Antenna Systems (DAS), Military and Aerospace, and Satellite Communications	PE PASTERNACK an INFINITE brand

CABLE: RF		DESCRIPTION & APPLICATIONS	BRAND
MIL-STD Cable		MIL-STD-1553 cable is ideal for military contractors. The twin axial cable has an attenuation of 0.7 dB per 100 feet at 1 MHz, resulting in low signal loss during data transfer. **Applications:** Military Contractors, Defense Systems, Aerospace Electronics, and Low-Loss Data Transmission	PASTERNACK an INFINITE brand
Non-Magnetic Coaxial Cable		Non-magnetic coaxial cables are constructed with a copper center conductor and copper shielding. This allows for use in magnetic fields without interference. **Applications:** Medical Equipment, Quantum Computing, and Military/ Aerospace	PASTERNACK an INFINITE brand
Semi-Rigid/ Conformable Coaxial Cable		Semi-rigid and conformable coaxial cable can be bent to shape and hold the design. These cables are ready to be assembled with connectors for any custom solution. **Applications:** Military/Aerospace, Test and Measurement, Medical Equipment, Telecommunications, and In-Box Installations	PASTERNACK an INFINITE brand
Twinax Cable		High-performance twinaxial (dual-inner-conductor with overall shield) bulk cable used for balanced differential signal transmission, particularly in harsh and high-integrity systems **Applications:** Avionics Data-Bus Wiring (E.g., MIL-STD-1553) for Differential Twinax Signal Links, High-Reliability Telemetry/Cable Harnesses, Vehicle- and Platform-Mounted Sensor Networks in Harsh/Temperature Extremes	MilesTek an INFINITE brand
Triax Cable		High-shielded triaxial (core + inner shield + outer shield) cable construction designed for ultra-low-noise, high-rejection signal transmission in harsh or high-EMI environments. **Applications:** Precision Test Instrumentation, Low-Level/Guarded Signal Measurement, Satellite and Aerospace Sensor Links, Coaxial Interconnects in Avionics/Defense Systems, and Video/Telemetry Camera Rigs	MilesTek an INFINITE brand
RG Coaxial Cable		RG coaxial cables are designed to the original Radio Guide military designation. We offer several different designs and diameters of RG cable. **Applications:** Satellite Communications, Outdoor Installations, Military/ Aerospace, and Telecommunications	TKD an INFINITE brand

Components: **Ethernet**

Infinite Electronics offers a comprehensive selection of Ethernet components designed to ensure fast, secure, and reliable network connectivity. Our portfolio includes jacks, plugs, and connectors that support a range of Ethernet standards, from Fast Ethernet to Gigabit and beyond. Engineered for low signal loss, durability, and compliance with industry protocols, these components deliver consistent performance in networking, telecommunications, industrial automation, and data center applications. With options for shielded, unshielded, and high-density designs, Infinite Electronics Ethernet components provide the flexibility and reliability needed to build and maintain high-performance networks.

COMPONENTS: ETHERNET		DESCRIPTION & APPLCIATIONS	BRANDS
Media Convertors/ Extenders		Media converters and extenders enable seamless connectivity between different network media types and extend signal transmission over long distances. Built for reliability and high performance, they support copper-to-fiber conversions, long-range Ethernet links, and video extension applications. **Applications:** IP Networking Including Copper-to-Fiber and Vice Versa, PoE, Long-Distance Ethernet, Industrial Control and Automation, Data Center and Enterprise Solutions, and Conference Rooms and AV Setups	L-com an INFINITE brand
Switches		Network switches deliver reliable, high-performance Ethernet connectivity for commercial, industrial, and enterprise applications. Designed for durability and consistent uptime, they offer managed and unmanaged options to meet a variety of networking needs in both commercial and hardened applications. **Applications:** Ethernet and IP Networking, Industrial Ethernet, Factory Automation, Data Centers, Server Rooms, Enterprise and Commercial Network Infrastructure, and IP Based Security and Surveillance	L-com an INFINITE brand
PoE Injectors/ Spiltters		PoE injectors and splitters deliver reliable power and data transmission combined into a single Ethernet cable, simplifying network device installations by eliminating the need for a power cord and power source near the end device. They are designed for efficiency and durability **Applications:** PoE, IP Based Surveillance and Cameras, Building Installations, IoT, VoIP Phones, Wireless Access Points (APs) and Routers, Remote Sensors, and Industrial Networking and Smart Buildings	L-com an INFINITE brand
PoE Extenders		PoE extenders boost both power and data beyond standard Ethernet distance limits, providing reliable long-range connectivity for powered devices. Built for durability and consistent performance, they ensure dependable operation in both indoor and outdoor environments **Applications:** PoE, IP Based Surveillance Systems and Cameras, Building Installations, IoT, VoIP Phones, Wireless Access Points (APs) and Routers, Remote Sensors, and Industrial Networking and Smart Buildings	L-com an INFINITE brand

Components: **Fiber Optic**

Infinite Electronics provides a wide range of fiber optic components designed to enable high-speed, high-bandwidth connectivity with exceptional reliability. Our offering includes connectors, adapters, couplers, splitters, and other essential components that support both single-mode and multimode fiber applications. Engineered for low insertion loss, precise alignment, and long-term durability, these components ensure optimal signal integrity in telecommunications, data centers, broadcast, medical, and industrial environments. With standard and specialty options available, Infinite Electronics fiber optic components deliver the flexibility, performance, and dependability customers need for today's mission-critical networks.

COMPONENTS: FIBER OPTIC		DESCRIPTION & APPLCIATIONS	BRANDS
Tranceivers		Fiber optic transceivers from 1Gbps to 800Gbps. Extensive form factor, distance and technology options. Coded for seamless platform compatibility in various network devices. **Applications:** Internet Connectivity Mobile and Cellular Backhaul, Fiber to the Business, Data Centers, Storage Networks, and High Speed Connectivity	integra optics an INFINITE brand
Smart Coder		Portable family of devices allows coding of transceivers, and cabled transceivers for compatibility in platforms. Reduces the need for spare inventory and downtime nd can be used in the field. Provides tuning of DWDM transceivers. Supports most form factors. **Applications:** Telecom and Datacom, Coding and Recoding of tTransceivers/ AOCs/DACs, and Tuning of DWDM Optics	integra optics an INFINITE brand
Transmitters		Fiber transmitters in multiple output power options, support both RF analog and digital signals over fiber optic cable. SNMP management, and low-profile 1RU design. **Applications:** CATV HFC Networks, Analog Video Transmission, and Analog/ Digital Mixed Transmission	L-com an INFINITE brand
Attenuators		Fixed attenuators with multiple connector/connection configurations allow bulkhead or in-line deployments. Attenuation levels from 1dB to 25dB . Variable, in-line attenuators 1-60dB capable. **Applications:** Telecom, Metro Area Networks, CWDM and DWDM Networks, and Optical Network Provisioning	L-com an INFINITE brand
WDM Multiplexers/ Filters		CWDM and DWDM passive multiplexers, demultiplexers and OADMs for increasing number of services on existing fiber. LGX, relay rack, cassette and other packaging options, multiple connector and channel configurations available **Applications:** CWDM, DWDM, Fiber Reclamation, Fiber Conservation, Fiber Backhaul, and Data Center Connectivity	integra optics an INFINITE brand
Splitters/ Combiners		Single mode PLC splitters in 1x 4,8,16, or 32 split configurations. Available in LGX, relay rack modules as well as cable assembly versions. Low insertion loss and several connector options. **Applications:** Passive Optical Networks (Pon), Fttx Systems, Telecom Networking, and Multicasting	L-com an INFINITE brand
Fiber Optic Taps		Passive Optical TAPs (test access points) for SMF or MMF Common split ratios offered and several connector types. Available in half-LGX or cable-style configurations. **Applications:** Data Center, Hosting Services, In-Line Service Management and Security, and Optical Link Monitoring	L-com an INFINITE brand

COMPONENTS: FIBER OPTIC		DESCRIPTION & APPLCIATIONS	BRANDS
Fiber Adapter Panels		Adapter panel, populated with 6 LC duplex connectors with PC polish for use with multimode fiber. One of many fiber optic products available online, in-stock and ready to ship. **Applications:** Data Centers, Enterprise Networks, Telecom, and Industrial Networks	L-com an INFINITE brand
Fiber Patch Panels		Features abundant tie points, cables can be easily secured and organized for a professional look. This rugged steel Rack mount enclosure is finished with a durable black powder coat. **Applications:** Data Centers, Enterprise Networks, Telecom,and Industrial Networks	L-com an INFINITE brand
Fiber Fan-out Cassettes		Ideal product for connecting multi-fiber MTP trunk cables and splitting them out to various patch cables. Each comes fully populated internally with pre-terminated and tested MTP breakout cables. Cassettes offer a reliable access point for MTP cables to be converted over to individual LC connections. Providing high performance while saving space. **Applications:** Data Centers, Enterprise Networks, Telecom, and Industrial Networks	L-com an INFINITE brand
Fiber Splitter Boxes		Crafted from durable ABS Plastic and engineered for wall mounting, this fiber optic distribution box offers a reliable solution for indoor installations. It facilitates seamless connectivity for your fiber optic infrastructure. **Applications:** FTTH, Campus Networks, Enterprise Networks, Telecom, and Industrial Networks	L-com an INFINITE brand
Fiber Terminal Boxes		Terminal box presents a cutting-edge solution for indoor fiber optic termination and distribution of optical cables. Crafted with sturdy metal, this wall-mountable box guarantees durability and reliability for your network connections. **Applications:** FTTH, Campus Networks, Enterprise Networks, Telecom, and Industrial Networks	L-com an INFINITE brand

Components: IoT Sensors

Infinite Electronics produces a wide range of IoT sensors designed to deliver accurate, real-time data for smarter systems and connected technologies. Our portfolio includes sensors for temperature, pressure, humidity, motion, proximity, and more—enabling seamless monitoring and control across diverse applications. Engineered for reliability, low power consumption, and easy integration, these sensors support IoT networks in industrial automation, smart buildings, healthcare, transportation, and environmental monitoring. With flexible designs and robust performance, Infinite Electronics IoT sensors empower customers to build efficient, scalable, and intelligent solutions that drive innovation in connected environments.

COMPONENTS: IOT SENSORS		DESCRIPTION & APPLCIATIONS	BRANDS
Air Quality		Transmitters are used to detect the presence and concentration of CO2 in the air by using NDIR technology. Applications**:** Air Quality monitoring, Commercial Real Estate, Airports, Industrial Manufacturing, Oil and Gas, and Building Automation	L-com an INFINITE brand
Current		Current sensors and over-current protection modules measure and monitor current consumption in fans, pumps, motors, and other industrial equipment. **Applications:** Industrial Manufacturing and Automation, Process Controls, Oil and Gas, and Building Automation	L-com an INFINITE brand
Data Acquisition		Programmable logic controller (PLC). Our PLC has open source programming that has eliminated software licensing and brings low-cost solutions to automation controls. **Applications:** Process Controls, Plant Automation, Transportation and Traffic Systems, Food and Beverage, Building, Agricultural, and Home Automation	L-com an INFINITE brand
Liquid Level		Capacitive liquid level sensor with an 300 mm sensing distance. This capacitive level sensor has a 4-20 mA output with direct lead electric connection. **Applications:** Industrial Automation and Process Control	L-com an INFINITE brand
Multi Function		Environmental sensor is a most suitable for IoT applications. This environmental sensor measures temperature, humidity, carbon dioxide, and illuminance. **Applications:** Rangng from Solar Farms to Industrial Automation where these measures can impact manufacturing	L-com an INFINITE brand
Noise		Noise measurement device used to detect and measure ambient noise. Besides causing damage to the auditory system (hearing loss), long-term exposure to relatively strong noise can affect work efficiency, cause accidents and even cause pathological issues. **Applications:** Ranging from Factory Floor to Invasive Outdoor Noise Sources, such as that from Vehicular Traffic	L-com an INFINITE brand

COMPONENTS: IOT SENSORS		DESCRIPTION & APPLCIATIONS	BRANDS
Pressure		Highly stable, reliable and fully sealed submersible level transmitter. LT989W-10M15V1E22 level transmitter comes in a compact size, and is lightweight and stable. **Applications:** Metallurgy, Mining, Chemicals, Water Supply and Waste Management.	L-com an INFINITE brand
Proximity		Proximity sensor offering consists of a variety of sensor types primarily used for contactless object detection. These include Inductive, Capacitive, Ultrasonic, Contact, and Fiber Optic technologies. **Applications:** Industrial Manufacturing and Automation, Process controls, Automotive, Warehouse, and Food and Beverage	L-com an INFINITE brand
Temperature and Humidity		Temperature and humidity sensors consist of various form factors and types for industrial automation and process control applications. A subset of rugged infrared sensors allows for fast and accurate temperature measurements where contactless sensing is required. **Applications:** Industrial Manufacturing and Automation, Process controls, Automotive, Warehouse, and Food and Beverage	L-com an INFINITE brand
Water Quality		Water quality sensors measure various parameters associated with water treatment and monitoring including pH, dissolved oxygen, turbidity and more.. **Applications:** Water Treatment, Equipment Maintenance, Environmental Monitoring, Chemical Production, Food and Beverage, Industrial Automation, and Process Control	L-com an INFINITE brand
Photoelectric Sensors		Photoelectric sensors are used for contactless object detection and part counting. Sensors feature rugged, industrial grade housings in a multitude of shapes, sizes, and sensing ranges. **Applications:** Industrial Manufacturing and Automation, Process Controls, Automotive, Warehouse, and Food and Beverage	L-com an INFINITE brand

Components: Mil Standard 1553

Infinite Electronics has designed a comprehensive range of MIL-STD-1553 components engineered to meet the rigorous demands of military and aerospace data bus applications. Our portfolio includes connectors, couplers, terminators, and adapters designed for precise performance, signal integrity, and long-term durability in mission-critical systems. Built to comply with the stringent MIL-STD-1553 standard, these components ensure reliable communication between avionics, ground systems, and defense equipment. With robust construction, proven compatibility, and high environmental resistance, Infinite Electronics MIL-STD-1553 components provide trusted solutions for applications where performance and reliability are non-negotiable.

COMPONENTS: MIL STANDARD 1553		DESCRIPTION & APPLCIATIONS	BRANDS
Data Bus Couplers		Data bus couplers provide reliable stub connections for MIL-STD-1553B networks, ensuring signal integrity, fault isolation, and consistent impedance in demanding environments. **Applications:** Avionics Data Buses, Military Vehicles, Naval Communication Systems, Spacecraft and Satellites, Unmanned Systems, and Test and Simulation Equipment	MilesTek an INFINITE brand
Bus and Stub Cable Assemblies		Rugged, MIL-STD-1553B-compliant twinax and full-crimp/twist-plug assemblies designed for harsh environments (high-temperature, shock/vibration, vehicle-rated) as well as lab-grade test cables. **Applications:** Avionics Bus Wiring, Military Vehicle Networks, Test and Measurement Benches, Space-Qualified Harnessing, Naval System Installations, and Unmanned Platform Data Links	MilesTek an INFINITE brand
Connectors		TRB connectors for the most popular 1553B Twinax cables, including (but not limited to) standard and right-angle male plugs, standard and bulkhead female jacks (insulated, non-insulated, feedthru, solder pot, and cable entry). **Applications:** Avionics Data Bus Terminations, Military Vehicle Twinax Interface, Bulkhead Panel Mount Jacks, MIL-STD-1553B Harness Builds, and Space and Avionics Custom Cable Assemblies	MilesTek an INFINITE brand
Adapters		Adapters and terminators are available in 50 Ohm and 75 Ohm versions. The 50 Ohm type is suitable for analog video, while the 75 Ohm type supports digital and analog video. **Applications:** Gender Conversion Interfaces, Series-to-Series Mating, Extension of Cable Runs, Panel Mount Adaptors, Test-Bench Cabling, and Legacy System Retrofits	MilesTek an INFINITE brand
Bus and Scope Test Cables		Bus and scope test cable is a specialized assembly combining a twinaxial bus link with coaxial legs, built for laboratory and test environments to split, monitor, and analyze individual signals within a 1553B bus network. **Applications:** Lab Validation Rigs, Signal-Integrity Testing, MIL-STD-1553B Bus Debugging, Oscilloscope Capture Setups, Avionics Systems Verification, and Test Fixture Connectivity	MilesTek an INFINITE brand
Terminators		Terminators simulate future loads on the data bus, mating with the MilesTek 10-06593 (3-lug jack to solder pot). Found on most MilesTek bus couplers and relay devices, each terminator includes a stainless steel chain to anchor it to lab surfaces **Applications**: Avionics Bus-End Termination, Stub Load Simulation, Lab/Test Fixture Setups, Military Vehicle Network Harness Ends, Space or Aerospace Bus Installations, and Retrofit/Upgrade of Older Bus Systems	MilesTek an INFINITE brand

Components: **RF Active**

Infinite Electronics designs a full range of RF active components designed to amplify, control, and condition signals for high-performance communication systems. Our portfolio includes amplifiers, oscillators, switches, modulators, and other active devices that ensure optimal signal strength, low noise, and consistent reliability. Engineered to meet the demands of applications in telecommunications, aerospace, defense, test and measurement, and industrial systems, these components deliver precision and durability even in challenging environments. With both standard and specialty options available, Infinite Electronics RF active components provide customers with the performance and flexibility needed to support mission-critical RF and microwave applications.

COMPONENTS: RF ACTIVE		DESCRIPTION & APPLCIATIONS	BRANDS
Amplifiers		Amplifier offering consists of a broad array of amplifier models covering frequencies from DC into the millimeter-wave bands (up to 96 GHz). Gains typically range from about 10 dB to 50 dB, and output powers span from milliwatts into the hundreds of watts. **Applications:** Laboratory Applications, Research and Development (RandD), Military and Space, Radar Systems, Telecom Infrastructure, Test and Measurement, Communication Systems, and Wireless/Cellular Base Stations	PASTERNACK an INFINITE brand
Amplifier Accessories		Heat-sink assemblies and power/control cable kits designed to work seamlessly with our amplifier ranges. These accessories ensure proper thermal management and reliable bias/control connections for amplifiers operating up to 18 GHz. **Applications:** Telecom Infrastructure, Fixed Microwave Backhaul, Test and Measurement, Microwave Radio Systems, Military and Space, Radar and Sensors, High-Power Amplifier Support, and General Purpose Amplification	PASTERNACK an INFINITE brand
Attenuators - Programmable and Variable		Available in digital and voltage-controlled designs, our variable attenuators span up to 40 GHz and offer up to 95 dB of attenuation with low insertion loss and fine step sizes ranging from 0.25 dB to 1dB. **Applications:** Electronic Warfare, Test and Measurement, Military and Wireless Communications, Microwave and Radar Systems, Research and Development, Electronic Countermeasures, VSAT, Fiber Optic, and Space Systems	PASTERNACK an INFINITE brand
Coaxial Detectors		Detectors operate from approximately 10 MHz up to 40 GHz and are available with either positive or negative output polarity. The detection sensitivities are in the hundreds of millivolts per milliwatt range and feature low VSWR, making them suitable for accurate power monitoring over a wide dynamic range. **Applications:** Transmitter Monitoring, Radar Equipment, Missile Guidance, Low Noise Amplifier Input Monitoring, ECM Receivers, and Military and Space Electronic Warfare, System Monitoring, RF Pulse Detection, Return Loss and	PASTERNACK an INFINITE brand
Frequency Divider Prescalers		Frequency divider products accept inputs from roughly 100 MHz to 13 GHz and are available in various divide ratios (÷2, ÷4, ÷8, etc.). They require modest drive levels (around –20 dBm) and deliver stable outputs on a +5 V. High isolation between input and output helps maintain signal integrity **Applications:** PLL Systems, Test and Measurement, Countermeasures, Point-to-Point Microwave, SATCOM, MILCOM, Base Stations, Aerospace and Defense, Microwave Radio Systems, and Wireless Communications	PASTERNACK an INFINITE brand
Frequency Multipliers		RF frequency multiplier (also referred to as a frequency doubler) has SMA connectors and are 50 Ohm. Our SMA frequency multiplier is manufactured for a minimum frequency input of 11.5 GHz and a maximum frequency input of16.5 GHz. **Applications:** SATCOM, Aerospace and Defense, Test and Measurement, Microwave and Wireless Communications, Electronic Warfare, Electronic Countermeasures, Point-to-Point and VSAT Radios, and Fiber Optic	PASTERNACK an INFINITE brand

COMPONENTS: RF ACTIVE		DESCRIPTION & APPLCIATIONS	BRANDS
Frequency Synthesizers		PLL-based synthesizers provide tunable outputs from tens of megahertz into the high microwave range (27 GHz), with fine step sizes and output levels in the +10 to +18 dBm range. Fractional-N versions deliver excellent phase-noise performance and flexible channel spacing, while integer-N units offer fast switching and low spurious. **Applications:** Signal Generation,Test and Measurement, Communication and Radar Systems, Electronic Warfare, and Frequency Conversion	PASTERNACK an INFINITE brand
Gain Control		Variable gain amplifiers combine high small-signal gain (up to about 50 dB) with a wide control range (around 20 dB) over broad bandwidths (from 100 MHz to 18 GHz). They maintain stable gain and noise figure across their range and are ideal for automatic level control or dynamic signal leveling **Applications:** Test and Measurement, Military and Commercial Communications, SATCOM, Aerospace and Defense, Microwave Radio Systems, Research and Development, and Wireless Communications	PASTERNACK an INFINITE brand
Gain Equalizers		Available in both positive- and negative-slope versions, our gain equalizers are designed to flatten system responses by adding a controlled gain or loss gradient across the band. Typical devices operate to about 40 GHz, offer fixed equalizing values of a few decibels and exhibit insertion loss well under 1 dB. **Applications:** Gain Slope Compensation, Test and Measurement, Aerospace and Defense, Microwave and Wireless Communications, Research and Development, SATCOM, Telecom Infrastructure, and Cable/Waveguide Loss	PASTERNACK an INFINITE brand
Limiters		Serving as receiver protectors, our limiter product offerings handle frequencies from about 500 MHz up to 40 GHz, clamp signals around +9 dBm and can handle high peak power input with minimal insertion loss. These diode-based devices protect sensitive RF front-ends and recover quickly **Applications:** Electronic Warfare, Test and Measurement, Military and Space, Communications Systems, Signal Stabilization, Receiver Protection, ESD / Input Power Protection, and Weapon/Defense Systems	PASTERNACK an INFINITE brand
Mixers and Modulators		Mixer and modulators offering include double-balanced mixers, triple-balanced and I/Q mixers up to 18 GHz, as well as bi-phase modulators covering 0.5–40 GHz. Conversion loss (typically under 10 dB), image rejection (up to 35 dB), and for Bi-phase modulators switch between 0° and 180°. **Applications:** Test and Measurement, Military and Commercial Communications, ELINT, Research and Development, Electronic Warfare, Point-to-Point/Multipoint Radios, VSAT, Radar, and Space Systems	PASTERNACK an INFINITE brand
Noise Source Generators		RF noise source generator manufactured to precise radio frequency component standards. This RF noise generator is an in-line connectorized component design with a noise output ENR of 15.5 dB. **Applications:** Noise Figure Measurement, Built-In Test, Laboratory and RandD Applications, mm-Wave Radiometers, Automotive Radar, Broadband Wireless RandD, Bit Error Rate and Jitter Testing, Dynamic Range Enhancement for A/D Converters, ATE Systems, Jamming, and SATCOM	PASTERNACK an INFINITE brand
Oscillators		Voltage-controlled oscillators offer tuning ranges from tens of megahertz up to around 11 GHz, with outputs up to about +12 dBm and phase noise performance as low as –125 dBc/Hz. They are available in both surface-mount and coaxial packages and require no external matching circuits. **Applications:** Phase-Locked Loops, Function Generators, Frequency Synthesizers, Receivers, Jamming Systems, Local Oscillators, Wireless and Optical Communications, SATCOM, and Aerospace and Defense	PASTERNACK an INFINITE brand
Phase Shifters		Voltage-control phase shifters provide continuous 0° to 360° adjustment from DC up to 37 GHz, featuring low insertion loss and handling average powers up to 30 Watt. They provide precise phase control in compact, connectorized packages and are available with SMA or 2.92 mm designs. **Applications:** Test and Measurement, Military and Commercial Communications, Military Electronics, Research and Development, Electronic Warfare, Radar, and Space Systems	PASTERNACK an INFINITE brand

Components: **RF Passive**

Infinite Electronics offers a wide selection of RF passive components designed to manage, filter, and control signals with precision and reliability. Our offering includes attenuators, terminations, couplers, filters, dividers, and other essential devices that ensure optimal signal performance across a wide frequency range. Built for low insertion loss, high power handling, and long-term durability, these components support critical applications in telecommunications, aerospace, defense, test and measurement, and broadcast. With standard and custom solutions available, Infinite Electronics RF passive components give customers the dependable performance and flexibility needed to maintain seamless RF and microwave system operation.

COMPONENTS: RF PASSIVE		DESCRIPTION & APPLCIATIONS	BRANDS
Attenuators - Fixed and Adjustable		RF passive attenuators with fixed and adjustable configuration have excellent performance covering frequency range up to 110GHz and power rating up to 1000W(CW). These attenuators in 50 and 75ohm impedance with coaxial and waveguide designs are optimized to support wide range of RF engineering applications and needs. **Applications:** Signal Level Control, Power Balancing, Test and Measurement, Circuit Protection, and Production Test Systems.	PASTERNACK an INFINITE brand
Baluns		50 Ohm to 25 Ohm baluns are designed with power rating up to 100W(CW) and frequency range up to 2GHz. These baluns offer excellent RF performance in SMT configuration to support wide range of applications. **Applications:** Impedance Transformation, Test and Measurement, and Antenna Systems	PASTERNACK an INFINITE brand
Bias Tees and DC Blocks		Extensive product offering in DC blocks and bias tees have a variety of connectorized configurations to support wide range of applications. These models can work up to 65GHz with voltage rating up to 1000V in 50 Ohm and 75 Ohm impedance. **Applications: DC Blocks:** Test Equipment Protection, Ground Loop Prevention, Antenna Systems, Test and Measurement **Bias Tees:** Pulse and Modulation Injection, Test and Measurement, and Test Equipment Protection	PASTERNACK an INFINITE brand
Coaxial Diplexers		RF diplexer models enable frequency-domain multiplexing and covers different low-pass and high-pass frequency bands depending on the end-user applications. **Applications:** Multi-Band Antenna Systems, Harmonic Suppression, Test and Measurement, and Signal Routing	PASTERNACK an INFINITE brand
Coaxial Filters		RF filter product offerings include bandpass, low pass, high pass and tunable filters. These coaxial RF filters are designed with low insertion loss and sharp rejection performances over frequency range up to 30GHz. **Applications:** Signal Band Selection, Harmonic Suppression, Spectrum Cleaning, Test and Measurement, and Antenna Systems	PASTERNACK an INFINITE brand
Impedance Matching Pads		Extensive product offering in impedance matching pads have a variety of connectorized configurations to support wide range of applications. These models can work up to 3GHz with power rating up to 2W for impedance matching of systems with 50 Ohms and 75 Ohms impedance.. **Applications:** Impedance Matching Between Systems, RF Component Protection, and Test and Measurement	PASTERNACK an INFINITE brand

COMPONENTS: RF PASSIVE		DESCRIPTION & APPLCIATIONS	BRANDS
Phase Shifters and Trimmers		Extensive product offering in adjustable phase shifters and trimmers have a variety of connectorized configurations to support wide range of applications. These models can work up to 40GHz with maximum phase adjustment up to 720deg and precision tuning. **Applications:** Phased-Array Antenna Systems, Test And Measurement, Circuit Calibration, and RF and Microwave Beam Steering	PASTERNACK an INFINITE brand
Power Dividers and Combiners		Extensive product offering in power dividers/combiners have a variety of connectorized configurations to support wide range of applications. These models can work up to 70GHz with maximum power rating up to 500W, enabling power splitting up to 12 ways with high isolation between the ports. **Applications:** Signal Distribution, Antenna Feed Networks, Test and Measurement, and Radar Systems	PASTERNACK an INFINITE brand
RF Manual Switches		Manual switch models can work up to 40GHz with maximum power rating up to 100W in SPDT and SP4T configurations. Excellent isolation and insertion loss performances are supported over wide frequency bands for these models. **Applications:** Test and Measurements, Redundancy Systems, and Antenna Systems	PASTERNACK an INFINITE brand
Terminations		Extensive product offering in RF terminations have a variety of connectorized configurations and body styles to support wide range of applications. These models can work up to 67GHz with maximum power rating up to 800W in 50ohm and 75ohm impedances. **Applications:** Test and Measurement, Unused Port Termination, Dummy Load for Transmitter, and System Calibration	Fairview Microwave an INFINITE brand
Waveguide Horn Antennas		Broadband antennas offering precise gain and low VSWR performance across microwave and millimeter-wave frequencies, ideal for test, measurement, and radar applications. **Applications**: Antenna Testing, EMC Testing, Radar Systems, Research Labs, Satellite Communication, and Wireless Link Calibration	Fairview Microwave an INFINITE brand
Waveguide Adapters and Sections		Ruggedized aluminum adapters and sections designed to integrate with test and measurement positioning systems, ensuring precise alignment and antenna protection. **Applications**: Test and Measurement Systems, Antenna Alignment, Laboratory Equipment, Aerospace and Defense Testing	Fairview Microwave an INFINITE brand
Waveguide Components		Wide-range offerings in waveguide components built with precision machining are designed to guide and control signals for high-power and high frequency communication, radar and test systems.. **Applications**: Radar Systems, Satellite Communication, Test And Instrumentation, and Millimeter Wave Applications	PASTERNACK an INFINITE brand
Waveguide Accessories		Waveguide accessories are built with precision machining in many configurations to support any waveguide system testing needs. **Applications**: Satellite Communication, Radar Systems, Wireless Communication, Test Instrumentation, and High-Power RF Applications	PASTERNACK an INFINITE brand

Converters and Extenders

Infinite Electronics offers a wide range of converters and extenders designed to simplify connectivity, maximize compatibility, and overcome distance limitations in electronic systems. Our converters seamlessly adapt signals between different formats and standards, ensuring reliable communication across diverse equipment. Extenders provide the ability to transmit data, video, or power over longer distances without signal degradation, enabling flexible system design and deployment. Built for performance, durability, and ease of integration, our solutions deliver dependable operation in demanding environments, helping customers achieve efficient, scalable, and future-ready connectivity.

CONVERTERS and EXTENDERS		DESCRIPTION & APPLCIATIONS	BRANDS
Fiber Optic		Fiber converters and extend to convert media (ethernet, data bus, audio, video, etc) to fiber and increase the reach of the connection. Small, network appliances to provide flexibility in equipment deployments. **Applications:** Ethernet Extension Over Fiber, Audio/Video Link Extension, Data Bus Extension Over Fiber, Telecom, Broadcast, and Industrial	L-com an INFINITE brand
I/O		I/O (input/output) convertors and extenders provide reliable signal conversion and transmission across multiple interface types, including RS-232, RS-422 and RS-485. Engineered for durability and performance. **Applications:** Industrial Control, Automation Networks, Serial-To-Ethernet, Process Monitoring, Remote Data Acquisition and Storage, Legacy Equipment Integration, Computer Peripherals such as PDAs, and Models	L-com an INFINITE brand
USB		USB converters and extenders provide high-speed data transfer and device connectivity over extended distances. They allow seamless integration of USB devices in complex or remote USB setups. **Applications:** Medical Devices, Extended USB Device Connectivity for Workstations, Industrial Automation and Control Interfaces, Remote PC Peripherals, Multimedia and A/V Systems, Conference and more	L-com an INFINITE brand
Audio Video		Audio/video converters and extenders provide reliable signal conversion and long-distance transmission for professional and residential AV systems. **Applications:** Home Theater and Entertainment Systems, Conference Room and Office Setups, Digital Signage, Interactive Whiteboards, Multimedia, Long Distance Audio and Video, and Education	Show Me CABLES an INFINITE brand
KVM (Keyboard Video Mouse)		KVM switches and extenders provide reliable control of multiple computers or servers from a single keyboard, video, and mouse setup. Engineered for durability and high performance, they ensure seamless operation. **Applications:** Data Centers, Server Management, Industrial Automation and Control Stations, Remote Workstation Access, IT and Network Administration, Multimedia Presentation Systems, Conference Rooms and Office Setups	L-com an INFINITE brand

Electrical Surge Protection

To ensure the reliability and longevity of electronic systems, surge protection is a critical safeguard against transient voltage spikes caused by lightning strikes, power grid fluctuations, or switching events. Infinite Electronics products are engineered to incorporate advanced surge protection solutions designed to divert excess energy away from sensitive circuits, preventing costly downtime and equipment damage. By integrating robust protective components that meet industry standards, our surge protection offerings help maintain system integrity, improve operational safety, and extend product life across a wide range of applications.

ELECTRICAL SURGE PROTECTION		DESCRIPTION & APPLCIATIONS	BRANDS
RF Surge Protectors		RF surge protectors (also known as lightning arrestor) utilize advanced surge protection technology to protect critical hardware while maintaining RF performance. **Applications:** Cellular, GPS, Land Mobile Radio, WiFi, and Amateur Radio	PolyPhaser an INFINITE brand
Data Surge Protectors		Data surge protectors prevent damage from transient surges caused by lightning while maintaining signal integrity performance. **Applications:** Ethernet Networks, Power Over Ethernet, Security Cameras, ITS Equipment, and RS-422/485	TRANSTECTOR an INFINITE brand
AC Surge Protectors		AC surge protectors (also known as lightning arrestors) utilize advanced protection technology to protect critical indoor and outdoor equipment against electrical transients caused by lightning, utility switching and motor/generator operation. **Applications:** Service Entrance Panels, Switchgear, Industrial Automation, Communications Base Stations, and IT and Data Centers	TRANSTECTOR an INFINITE brand
DC Surge Protectors		DC surge protectors (also known as lightning arrestors) utilize high performance protection technology to protect critical equipment against electrical surges. **Applications:** DC Power Systems, Radios, Industrial Automation, IT and Data Centers, and PV/Solar	TRANSTECTOR an INFINITE brand
Power Strips		Power strip surge protectors utilize advanced protection technology to protect critical IT and office equipment from electrical surges caused by lightning and switching events, while delivering clean power for the equipment to operate. **Applications:** Emergency Dispatch Stations, Office Equipment, IT and Data Centers, Industrial Automation, and Hospitals	TRANSTECTOR an INFINITE brand
Grounding Components and Accessories		Grounding accessories provide solutions for bonding electrical conductors to meet code and best practices for safety and equipment operation. **Applications:** Building Grounding Systems, Tower Site Grounding Systems, Coaxial Building Entry Panels, High/Low Voltage Grounding System Isolation, and Coaxial Connector Cleaning	PolyPhaser an INFINITE brand
HEMP Tested		Protection devices are HEMP (high-altitude EMP) tested and are specially designed to pass through the desired frequency band while suppressing surge. **Applications:** EMP Protection Systems, High-Altitude Defense Installations, Surge Suppression, and Critical Infrastructure Protection	TRANSTECTOR an INFINITE brand

Enclosures

Infinite Electronics offers a wide range of NEMA enclosures and outdoor-rated cabinets engineered to protect sensitive electronics from harsh environmental conditions. Our NEMA enclosures deliver proven protection against dust, moisture, and contaminants, ensuring reliable operation in industrial, utility, and field applications. Outdoor-rated cabinets extend that protection with robust construction, weather resistance, and thermal management features, making them ideal for housing networking, power, and communication equipment in demanding outdoor environments. Designed for durability, security, and long-term performance, these solutions safeguard critical systems while enabling dependable operation wherever protection is essential.

ENCLOSURES		DESCRIPTION & APPLCIATIONS	BRANDS
NEMA Enclosures		NEMA enclosures are tough weatherproof enclosures that are used for indoor/outdoor applications. **Applications:** Industrial Networks, Security, Oil and Gas, Food and Beverage, Retail, Warehouse, and Campus Networks	L-com an INFINITE brand
Non NEMA Enclosures		Enclosures offer protection from damage in stand-alone locations and in network closets, with entry points fully protected and easily accessible. **Applications:** Industrial Networks, Enterprise Networks, Security, Retail, Warehouse, and Campus Networks	L-com an INFINITE brand
Outdoor Rated Electrical Cabinets		Compact AC load centers are service entrance rated and provide configurable circuit breakers and integral high performance surge protection. **Applications:** Small Cells, Pico Cells, Micro Cells, 5G Nodes, and Right-of-Way Expansion	TRANSTECTOR an INFINITE brand

Equipment Racks and Cabinets

Infinite Electronics offers a comprehensive selection of equipment racks and cabinets designed to provide secure, organized, and efficient housing for electronic systems. Engineered for strength, accessibility, and optimal airflow, our racks and cabinets support servers, networking hardware, power distribution, and other critical equipment. Available in a variety of sizes, styles, and configurations, they meet the needs of industries ranging from telecommunications and data centers to industrial and defense applications. Built for durability and scalability, Infinite Electronics equipment racks and cabinets ensure reliable performance, simplified integration, and long-term system protection.

EQUIPMENT RACKS AND CABINETS		DESCRIPTION & APPLCIATIONS	BRANDS
Floor Mounts		Floor mounts provide a professional look while allowing easy cabling access and visibility for all mounted components. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	NavePoint an INFINITE brand
Wall Mounts		Wide variety of wall mount racks and cabinets to quickly deploy your 19” rack mounted network equipment. **Applications:** Enterprise Networks, Industrial Networks, AV, Security, Retail, and Home Office	NavePoint an INFINITE brand
Cable Management		Cable management products include cable hangers, cable management bars, cable trays, D-rings, lacer bars, and more! **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	NavePoint an INFINITE brand
Shelves and Drawers		Shelves and drawers are designed to work with racks and enclosures from most manufacturers to give you maximum flexibility in your installation. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and eleco Closets	NavePoint an INFINITE brand
Fans and Cooling		Fans keep your network equipment from overheating for stable performance and longevity. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	NavePoint an INFINITE brand
Accessories		Broad selections of same-day ship accessories for your racks and cabinets. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	NavePoint an INFINITE brand

Patch Panels

Infinite Electronics offers a full line of patch panels designed to streamline connectivity, simplify cable management, and support scalable network infrastructure. Our patch panels provide a central point for organizing and routing connections, ensuring efficient system configuration and maintenance. Available in copper, fiber, and hybrid options, they deliver reliable performance, reduced signal loss, and long-term durability across a variety of applications. With flexible configurations, high-density designs, and robust construction, Infinite Electronics patch panels help customers maximize space, improve accessibility, and maintain dependable connectivity in demanding environments.

PATCH PANELS		DESCRIPTION & APPLCIATIONS	BRANDS
Ethernet		Network patch panels allow for easy installation of cable and patching to your ethernet network switches. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	L-com an INFINITE brand
Fiber Optic		Rugged fiber patch panels are constructed from .06” thick cold rolled steel with a durable black powder coat finish. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	L-com an INFINITE brand
RF Coaxial		F-Type, N-Type, BNC and pre-punched D-hole coax patch panels. **Applications:** Industrial Networks, AV, Security, R and D, and RF Testing	L-com an INFINITE brand
Audio Video		Wide selection of Audio/Video patch panels for all your A/V connectivity needs. **Applications:** AV, Security, and Control Room	L-com an INFINITE brand
D-Subminiature/ Serial		D-sub patch panels features rugged .06” thick cold rolled steel as well as an attractive black finish. **Applications:** Industrial Networks, R and D, and Testing	L-com an INFINITE brand
USB		USB rack panel designed for seamless connectivity and optimal performance. **Applications:** Enterprise Networks, Industrial Networks, AV, Security, Retail, and Home Office	L-com an INFINITE brand

PATCH PANELS		DESCRIPTION & APPLCIATIONS	BRANDS
Data		Data patch panels offer a variety of features to make your IT setup easier, including adjustable shelves, cable management options, and ventilation. **Applications:** Enterprise Networks, Industrial Networks, AV, Security, Retail, and Home Office	L-com an INFINITE brand
Blanks		Blank panels are also crucial to thermal management by controlling and restricting airflow through a rack enclosure. **Applications:** Data Centers, Enterprise Networks, Industrial Networks, Teleco Rooms, and Teleco Closets	L-com an INFINITE brand
Wall Plates		Large selection of wall plates and surface mount box products for all your Ethernet, phone and modular applications. **Applications:** Enterprise Networks, Industrial Networks, AV, Security, Retail, and Home Office	L-com an INFINITE brand

Power: **Switches and Indicators**

Infinite Electronics engineers a wide range of power switches and indicators made for reliability, safety, and ease of integration. Our power switches offer precise control and dependable operation for turning systems on and off, while our indicators deliver clear, visual status updates to ensure safe and efficient monitoring of equipment. Designed with durability and performance in mind, these components are available in multiple configurations, sizes, and styles to meet diverse application needs. From industrial systems to communications equipment, Infinite Electronics power switches and indicators give customers the confidence of dependable control and visibility in every connection.

POWER SWITCHES AND INDICATORS		DESCRIPTION & APPLCIATIONS	BRAND
Power Switches		Multiple switching options are available along with IP66, IP67 and IP68 sealed variants in addition to momentary and latching actuation. Illumination versions are available in dot and ring. **Applications:** Ticket Machines, Pedestrian Crossings, Elevator Controls, Access Control Systems, Control Room Panels, and Outdoor Interface Points	bulgin
Indicators		Indicator range has developed to meet the many different needs of panel design including IP67 environmentally sealed versions for use where a front panel seal is needed. **Applications:** Control Panels, Forklift Panels, Loading Dock Indicating, and Public Facing Machines	bulgin

Power: **Battery and Fuse Holders**

Infinite Electronics offers a comprehensive range of battery and fuse holders designed for safety, reliability, and ease of use. Our battery holders ensure secure connections and stable power delivery for portable, backup, and primary power applications, offering flexibility across a variety of form factors and configurations. Complementing these, our fuse holders are built to protect critical equipment from overloads and short circuits, while allowing for quick and simple fuse replacement. Engineered with durability and precision, Infinite Electronics battery and fuse holders deliver dependable performance and protection, helping customers maintain continuous operation in even the most demanding environments.

BATTERY and FUSE HOLDERS		DESCRIPTION & APPLCIATIONS	BRAND
Battery Holders		Manufactured from quality moulding and metal components to ensure a secure and reliable connection, our battery holder range caters for battery sizes AAA(R03), AA(R6), C(R14), D(R20) and PP3(6R61), accommodating 1, 2, 3 or 4 cells **Applications:** Embedded Control Systems, Portable Instrumentation, Weighing Systems, Environmental Monitoring, Sensor Modules, and IoT Devices	bulgin
Fuse Holders		Fuse holders are designed to provide the PC1, PC2 or PC3 degree of protection category required for today's sophisticated electronic equipment. Dust and waterproof designs provide a front of panel seal to IP68 in both 5 x 20mm and 6.3 x 32mm size fuses **Applications: Consumer Goods:** Coffee Machines, Food Mixers, Portable Alarm Systems, High-End Jacuzzis, Vacuum Cleaners. **Data and Telecoms**: Data Center Servers, Uninterruptible Power Supply, and Portable Satellite Equipment	bulgin
Fuses		High power AC/DC fuses provide overcurrent protection for equipment and systems with high current breaking capacity and good current limiting performance. **Applications:** AC/DC Power Systems, Photovoltaic (Solar) Systems, Electric Vehicle Charging Stations, Power Conversion Equipment, and Battery Protection	TRANSTECTOR an INFINITE brand
EV Charging Cables		Replacement EV charging cables provide robust replacement for worn out, damaged or stolen J1772 type charging systems. **Applications:** Level 1 and 2 Electric Vehicle Charging Stations, Businesses, Shopping Centers, Dwelling Units, and Parking Garages	TRANSTECTOR an INFINITE brand

Radio Components

Infinite Electronics offers a broad selection of radio components engineered to support reliable communication, signal integrity, and system performance. Our portfolio includes high-quality filters, oscillators, amplifiers, and other essential components that form the backbone of modern RF and wireless systems. Designed for precision, durability, and compatibility, these solutions meet the rigorous demands of industries such as telecommunications, aerospace, defense, and industrial automation. Whether enabling clear signal transmission, reducing interference, or enhancing overall system efficiency, Infinite Electronics radio components provide the trusted performance required for mission-critical applications.

RADIO COMPONENTS		DESCRIPTION & APPLCIATIONS	BRAND
Wireless Radios		Wireless Ethernet radios to allow you to create a FIPS-validated secure private network. **Applications:** LANS, WANS, and Industrial Networks	L-com an INFINITE brand

Test and Measurement

Infinite Electronics offers a wide range of test and measurement solutions designed to deliver precision, reliability, and confidence in system performance. Our products include test cables, adapters, attenuators, terminations, and other essential tools that ensure accurate validation, troubleshooting, and optimization of electronic systems. Engineered for low loss, repeatability, and durability, these solutions perform consistently in laboratory, production, and field environments. By offering dependable test and measurement components, Infinite Electronics enables customers to achieve accurate results, reduce downtime, and maintain the highest standards of quality and performance in their applications.

TEST EQUIPMENT		DESCRIPTION & APPLCIATIONS	BRAND
Fiber Optic		Fiber optic test equipment is used to measure, verify, and troubleshoot optical networks, ensuring optimal performance and reliability. These tools help technicians assess signal loss, continuity, and bandwidth across fiber links. **Applications:** Data Centers, Telecommunication Networks, Enterprise Systems, Fiber Networking Test, Maintenance, Provisioning, and Troubleshooting, Installation	integra optics an INFINITE brand
RF Test and Measurement		RF test and measurement products include SOLT calibrations kits, VNA cable assemblies, precision adapters, and many more components for any test environment. **Applications:** VNA Calibration, Research and Development, Aerospace, and Production Test Environments	PASTERNACK an INFINITE brand
RF Test Leads and Breakouts		RF test leads and breakouts are very useful in a lab environment for all your testing needs. **Applications:** Lab Use, Testing, Prototyping, and Breadboard	PASTERNACK an INFINITE brand
Data		Test equipment for data products provides accurate, reliable tools for verifying and troubleshooting network, voice, data, audio, video and electrical connections. These testers ensure efficient diagnostics in professional and residential environments. **Applications:** Networking, Voice and Data, AV Trouble Shooting, Installs, Cable Termination, Structured Cable and Premise Wiring, IT and Telecommunication, Home and Commercial AV Systems, and Education	Show Me CABLES an INFINITE brand

Tools

Infinite Electronics offers a comprehensive selection of tools engineered to support the installation, maintenance, and optimization of electronic systems. From cable preparation and crimping tools to torque wrenches, cutters, and specialized accessories, our portfolio ensures technicians and engineers have the right solutions for every task. Built for precision, durability, and ease of use, these tools help improve efficiency, reduce errors, and extend the life of critical connections and components. Whether in the lab, production floor, or field, Infinite Electronics tools deliver the reliability and performance needed to keep systems operating at their best.

TOOLS		DESCRIPTION & APPLCIATIONS	BRAND
Fiber Optic Tools		Fiber optic tools are specialized instruments used for the installation, termination, splicing, and maintenance of fiber optic networks. **Applications:** Fiber Installation, Splicing and Termination, Testing and Troubleshooting, Maintenance and Repair	L-com an INFINITE brand
Ethernet Tools		Ethernet tools provide professional-grade performance for crimping, cutting, and stripping network cables with precision and ease. These tools help ensure reliable terminations and consistent network performance. **Applications:** Cable Assembly and Termination, Field Repair, Network Installation and Maintenance, Telecom Wiring, and Structured Cabling	L-com an INFINITE brand
D-Subminature/ Serial Tools		D-subminiature and serial tools provide reliable, professional-grade solutions for assembling, maintaining, and repairing D-sub and other serial connections such as RS-232/422/485 connections. **Applications:** D-Sub and Serial Cable Assembly and Repair, Industrial Control And Automation Systems, Test and Measurement, Data Communications, Network Maintenance, Laboratory and Instrumentation Wiring	L-com an INFINITE brand
Cable Prep		General cable prep tools provide dependable performance for cutting, stripping, and preparing a wide variety of cables. Designed for precision and ease of use, these tools help ensure clean, accurate terminations for reliable connections. **Applications:** Cable Assembly and Termination, Pro AV Setups, Custom Cable Fabrication, Field Repair, Network Installation and Maintenance	Show Me CABLES an INFINITE brand
RF Tools		RF tools provide the assistance you need to cut, attach, insert, extract and tighten coaxial cable and connectors. **Applications:** Cable Preparation, Connector Crimping, and In-Field Installation	PASTERNACK an INFINITE brand

Installation Services

Infinite Electronics offers professional installation services throughout the US and Canada. We specialize in low-voltage voice/data/fiber optic cabling along with AV, IT, and Data Center installations. Through our proven process and a nationwide network of over 1,000 vetted and authorized partners, we help our customers upgrade their systems, minimize downtime, reduce errors, and optimize system functionality from the start. Our skilled technicians provide expertise in installing Ethernet cables, coaxial cables, fiber optics, racks, cabinets and devices like wireless access points, IP cameras, switches, firewalls, LCD TVs, projectors and more. Whether for small-scale projects or complex, mission-critical deployments, Infinite Electronics installation services deliver trusted results, giving customers confidence that their systems are built to perform.

INC INSTALLS
an INFINITE brand

Data Center Infrastructure

End-to-end structured cabling services for commercial, educational and industrial networks. We handle design, installation, demarc extensions and network wiring with certified precision.

System Deployment / Migration

Our team installs Ethernet, fiber and IT hardware—from computers to multimedia systems. We also support equipment procurement and storage for smooth deployment.

Wi-Fi Installations

With custom wireless solutions for schools, offices, warehouses, public venues and more, we deliver complete Wi-Fi design and installation, including inter-building connectivity.

A/V and Videoconferencing

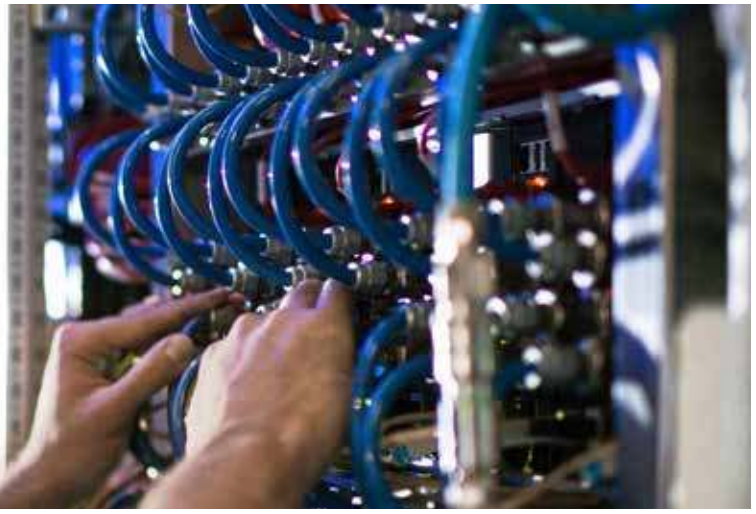
Professional A/V setup includes video-conferencing, digital signage, projectors and additional equipment. Plus, we manage cabling, mounting, smart class-rooms and PA system integrations.

IP Camera Installations

Our experienced team manages nationwide IP camera setup for security across all building types. This includes full-scale installation services including wiring, placement, network integration and final testing.

Decomissioning Services

When you're planning to move or close an office, we can remove your IT equipment with our deinstallation services. We offer personalized options based on your needs, allowing your equipment to be recommissioned, recycled or disposed.



Nationwide Rollouts

We serve as your single source of contact for nationwide rollouts of structured cabling and AV, IT and Data Center equipment at all your locations. With one call, we can define, design, deploy and manage your multi site rollout project from start to finish. Our proven project management process ensures a successful rollout of any size and with technicians coast-to coast we've got you covered. We can also help you procure and consolidate your IT equipment. Our centrally located warehouse is the perfect staging ground for your gear.

WHERE EVERY CONNECTION MATTERS

At Infinite Electronics, we believe that technology moves the world forward—and that starts with making every connection reliable, trusted, and built to perform.

CONTACT US

We're here to help! Contact any of our brands with the information listed below.

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One Team.
Infinite Possibilities.

Infinite Electronics is a global manufacturer of engineered connectivity solutions. Through our family of specialized brands, we design and produce advanced technologies that power the world's innovators forward. Backed by Warburg Pincus, Infinite operates facilities across North America, Europe, and Asia, delivering both standard platforms and fully customized solutions. Our engineering expertise, rapid prototyping, and global production capabilities enable us to support customers across a wide range of industries with reliable, high-performance products and responsive technical support.

www.infiniteelectronics.com