L-com serves all wired & wireless applications

MARKETS SERVED										
L-COM PRODUCTS	Entertainment	Telecom/ Datacom	WiFi	CATV	Network	Medical	Auto	Military	Test Equip	Power over Ethernet
D-Sub cable assemblies	✓	✓			✓	✓		✓	✓	
Telecom/Modular cable assemblies	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
USB cable assemblies	✓	✓				✓	✓	✓	✓	
Coaxial cable assemblies			✓	✓	✓			✓	✓	
Fiber Optic assemblies		✓		✓	✓			✓	✓	
Audio/video cable assemblies	✓			✓		✓		✓		
Legacy (IEEE-488, Firewire, DIN, SCSI, SATA)	✓	✓				✓			✓	
Patch Panels	✓	✓		✓	✓				✓	✓
Antennas		✓	✓		✓		✓			
WLAN Amplifiers		✓	✓							
RF Filters / Splitters			✓		✓			✓		
Racks & Enclosures	✓	✓		✓	✓	✓	✓	✓	✓	✓
Surge & Lightning Protectors		✓	✓		✓			✓		
Power over Ethernet Products					✓					✓
Accessories	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Experts in Wired & Wireless Solutions

- Access Points
- Antennas
- Audio / Video
- Coaxial
- D-Subminiature
- DIN
- Ethernet Switches
- Fiber Optic
- Firewire
- IEEE-488 GPIB
- Lightning & Surge Protectors

- Media Converters
- Patch Panels, Racks
- PoE Products
- RF Filters / Splitters
- SATA, eSATA
- SCSI
- Telecom / Modular
- USB
- Weatherproof Enclosures
- WLAN Amplifiers

L-com Global Connectivity
45 Beechwood Drive
North Andover, MA 01845-1092

L-com Global Connectivity

Wired and Wireless Connectivity Product Selector Guide
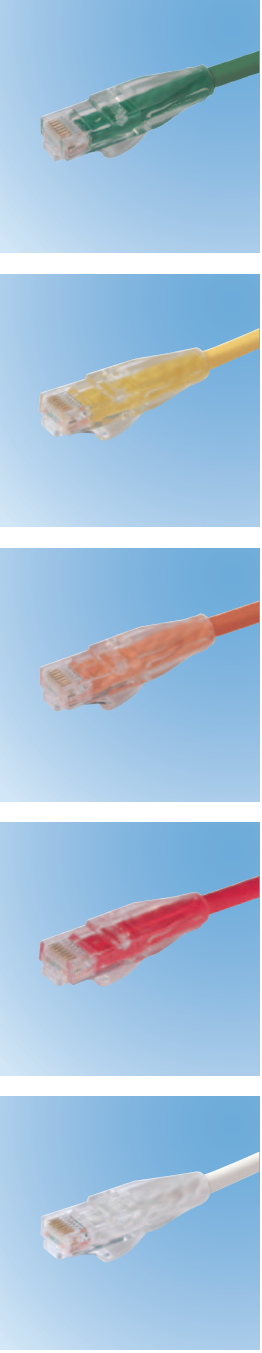

Experts in Wired & Wireless Solutions

L-com Global Connectivity is a broad line manufacturer of wireless and wired connectivity products for the entire electronics and data communication industries. With more then 25 years of manufacturing experience in the US and China, L-com designs and produces standard and custom connectivity products including copper and fiber cable assemblies, wireless antennas and WLAN amplifiers, straight and angular cable assemblies, high quality and IP67-rated connectors/ cable assemblies, NEMA enclosures and accessories for modular, coaxial and computer networking applications.

A wide range of custom solutions designed to solve specific connectivity problems compliments L-com's extensive standard product offering. Whether your challenge involves a system connection, reducing assembly time, lowering unit cost, eliminating field failures, conserving space, or improving performance in harsh environments, L-com has the expertise and capability to manufacture specific product solutions in large or small volumes…fast.

L-com's staff of wired and wireless experts along with its proven product design process, work with customers to provide the exact product solution to ensure seamless reliable network connections; whether it's for 1 piece or 100,000…fast.

L-com exclusive - Leader in space-saving solutions with the most straight and angular connector/cable assembly combinations

L-com exclusive - solving large or small volume connectivity problems with quick turnaround

L-com exclusive - Leader in dust-proof/water-immersible environmentally superior (IP67) cable assembly solutions

If the right solution can't be found in the L-com online catalog or online cable configurator, "**Ask the L-com Expert**" **(800-343-1455)** and see how quickly and easily a connectivity challenge can be resolved.

Audio/Video Connectors & Assemblies

L-com's audio and video products include thousands of popular audio and video cables, connectors and adapters with the ability to adapt components and products for customer-specific cable designs. Audio and video cable interfaces include: HDMI, mini HDMI, VGA, SVGA, DVI, DisplayPort, mini-DIN, 3.5mm audio, 75-ohm coax, and RCA. Fast turnaround on custom and low-volume configurations.

- **L-com exclusive:** 90° & 45° HDMI, DVI, and BNC connectors for easy access and saving space
- **L-com exclusive:** Color-coded cable assemblies indicate pin locations for each color wire
- IP67 shielded waterproof cable assemblies
- SVGA cables provide 360° shielding for superior video performance
- Super Thin SVGA series saves 2 inches over standard SVGA for tight fitting spaces

Coaxial Connectors & Assemblies

L-com offers one of the broadest lines of coaxial cable assemblies featuring 50 ohm, 75 ohm and 78 ohm. Ideal for GPS applications, video systems, telecommunication systems and infrastructure, WISP applications and WAN/LAN networks. Fast turn around requests for custom and low-volume coaxial cable configurations.

- Largest offering of angular/space-saving products
- Wide variety of coaxial connector types: UHF, Mini-UHF, SMB, BNC, MCX, SMC, TNC, N, SMA, QMA
- Standard and reverse polarity connectors and assemblies
- Cable types include: Standard and Hi-Temp RG-Series, Plenum rated, Digital Grade, Standard and Ultra-Flex Low Loss
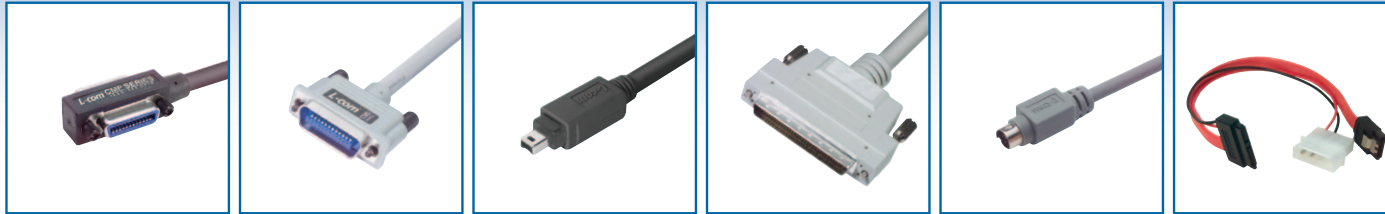- High performance Semi-Rigid and Formable cable assemblies

HyperLink® Antennas

With 12 different antenna configurations available, L-com's HyperLink antennas perform across a wide range of frequencies and offer a variety of gain specifications and beamwidth coverage to meet the requirements for most indoor and outdoor wireless system applications.

- Operating frequency range from 400 MHz to 5.8 GHz
- Largest selection of antenna types which includes omnidirectional, yagi, patch, panel, grid, dish, rubber duck, sectorial, ceiling and mobile
- Wide range of applications supported including IEEE 802.11a/b/g/n wireless LAN systems, WiFi, WiMAX and 900 MHz ISM
- Superior HyperLink antenna design outperforms other antennas especially in harsh environments
- Quick turnaround on custom antenna orders

IEEE 488/FireWire (IEEE 1394)/DIN & Mini-DIN/SCSI/SATA

With the industry's widest selection of legacy product cable assemblies, legacy applications served include PC to PC and peripherals; PC drives; laptop & desktop connections to external storage (such as hard & optical drives); external high speed connectivity to external storage devices; DVD-ROM, CD-ROM tape and floppy drives; analog audio; mouse connections; MIDI applications; S-Video and PS/2 keyboard and mouse interconnects.

- Largest IEEE 488 product selection with four times more part numbers than the competition
- FireWire (IEEE 1394) solutions for Apple/Sony Legacy ("I-Link")
- Largest DIN & Mini-DIN selection of exclusive user-friendly products
- Standard EMI SCSI solution
- Standard SCSI assemblies for 1, 2, 3, & 5 Interfaces
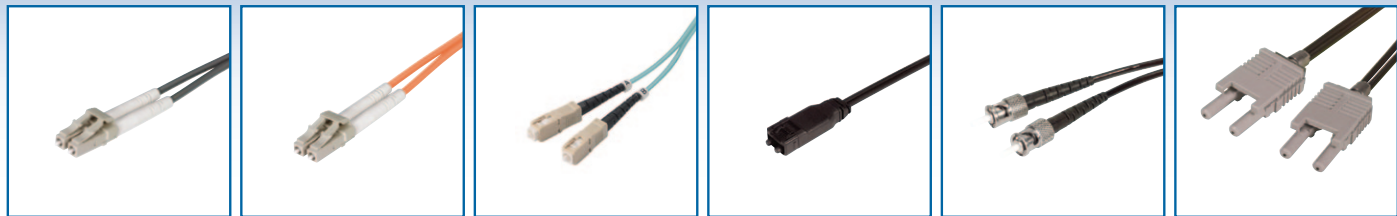- SATA assemblies support data transfer rates as high as 3.0 Gb/s

D-Sub Connectors & Assemblies

Extensive product offering features popular data cable, null modem cables, D-Sub connectors, high-density cables and more. Hard-to-find items including double shielded, panel-mount and low smoke zero halogen (LSZH) jacketed cables are available in stock. Custom and low-volume D-Sub cable configurations requests are welcome.

- **L-com exclusive:** Low profile right angle adapters
- CS2 series has double-shielded cable (braid+ foil) for additional EMI protection
- All steel box construction provides 360° shielding and superior strain relief
- High density Gender Changers available
- DB9, DB15, DB25, HD15 connector adapters for field termination, D-sub covers, D-sub design kits
- IP67 shielded waterproof cable assemblies

Fiber Optic Connectors & Assemblies

L-com fiber optic cable assemblies are 100% factory-tested and carry a one year manufacturer's warranty. L-com offers a complete line of accessories and the most popular types of Simplex, Duplex, Breakout and Distribution cable for the telecom/datacom, CATV, test equipment, LANS, Gigabit Ethernet, video, multimedia, medical, military and ATM markets.

- 0FNR Riser Rated & Low Smoke Zero Halogen jackets for low toxicity and low corrosion
- MT-RJ connectors are for emerging small form factor assemblies
- IP67 shielded waterproof cable assemblies
- Utilizes PC; UPC; or APC polish
- ST assemblies feature rust resistant stainless steel bodies
- 10 Gig multimode fiber

HyperLink WLAN & WiFi Amplifiers

L-com's HyperLink indoor/outdoor bi-directional amplifiers are available for export, military, licensed amateur radio and OEM component sales as part of complete FCC Certified Systems. (Individual amplifier products are not offered for sale in the USA)

- Amplifiers support frequencies of 900 MHz - 5.8 HGz
- Transmit power from 100 mW to 25 Watts
- In 2002, HyperLink (now L-com) was the first company to offer 802.11g bi-directional amplifiers with Automatic Power Control (APC). APC holds transmit power constant regardless of cable length
- FCC Certified amplifier kits require no pre-qualification in US

Patch Panels, Racks & Enclosures

L-com's signature line of fully populated 1U & 2U panel products complement and support the extensive cabling and connector product oering.

L-com manufactures one of the most comprehensive lines of NEMA-rated weatherproof industrial enclosures. Available in a wide range of sizes and power options aswell as with integral heating and/or cooling.

- Full line of fiber optic, coaxial, RJ45, Cat45, Cat 5, Cat5e, Cat6, and data & serial connection interfaces in 1U (1.75 ") and 2U (3.5") options
- Universal Rack System allows for quick and inexpensiv e installation
- NEMA enclosures available for 120VAC, 240VAC, 12VDC and PoE operation
- Universal 120-240VAC enclosures for worldwide applications
- ULlisted enclosures available

USB Connectors & Assemblies

Each L-com USB cable is functionally tested to provide the highest performance at competitive prices. L-com offers an extensive array of USB 2.0 and USB 3.0 products for communications, entertainment, medical, military and automotive applications. Fast turn around on requests for custom and low-volume USB cable configurations.

- **L-com exclusive:** ECF couplers and cables provide many connector combination options and fit any panel thickenss
- IP67 shielded waterproof cable assemblies
- Several options available to panel mount USB connectors on enclosures
- USB connectors, connector hoods and connector covers
- Right angle beige USB connectors; coilcord with Mini USB
- Off-the-shelf cable assembly and bulk cable options with power conductors ranging from 20 to 28 AWG
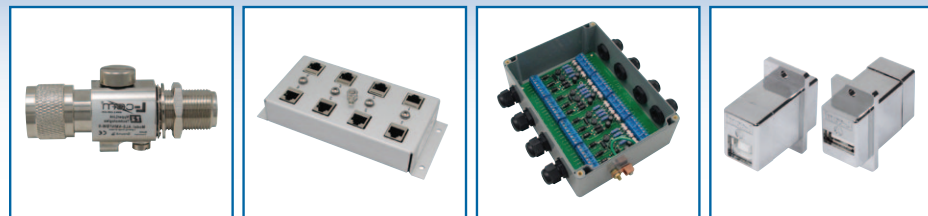
Telecom/Modular Connectors & Assemblies

L-com manufactures one of the most extensive lines of premise wiring cable assemblies, connectors, and accessories required for LAN, phone equipment and commercial building structured cabling systems. Product offering includes Cat 5, Cat 5E, Cat 6 and Ethernet crossover cable assemblies, backbone Telco cable assemblies, splitters, couplers, adaptors jacks, wall plates, panels, gender changers bulk cable and other Ethernet & fieldbus network accessories.

- **L-com exclusive:** Superior right angle Cat 5E cable assembly design (patent Pending)
- Tool-less jack series offers superior performance with a unique offset IDC connection that maintains conductor pairs up until the termination point and speeds installation
- IP67 shielded waterproof cable assemblies
- Extensive offering of telecom/modular accessories
- Flat silver satin modular cable available

Lightning and Surge Protectors

L-com has the industry's widest selection of high-quality lightning and surge protectors in-stock and ready for purchase. From coaxial protectors for protection of wireless equipment such as access points to Ethernet data line protectors designed to protect 10/100/1000 Base-T networking equipment such as servers, PoE equipment and IP cameras.

- 3 GHz and 6 GHz coaxial protectors
- CAT 5/5e/6 Ethernet data line protectors
- 4-20 mA current loop protectors
- RS-422/485/232 protectors
- Telephone/DSL/T1 protectors
- Audio and video protectors
- USB protectors

PoE Products

L-com's Power-over-Ethernet (PoE) midspans and Ethernet switch products provide high performance, cost effective solutions for providing data and power on a single Cat 5 cable to remote devices such as wireless access points, access servers, outdoor routers, IP phones, security cameras, security scanning systems and other devices.

- Single-port injectors and multi-port midspans and PoE hub products
- Full line of Ethernet connectors and cable assemblies available
- PoE solutions significantly decrease traditional electrical installation costs
- PoE injectors with integral surge protection