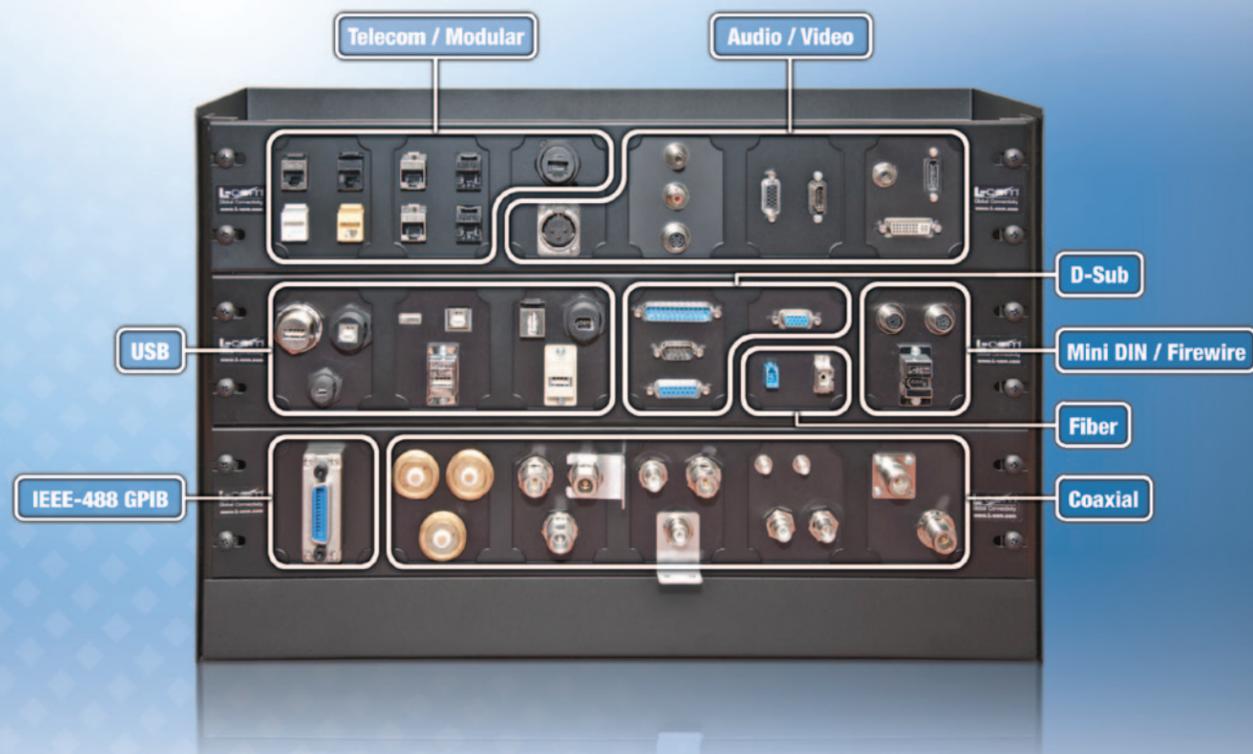


Cable Assemblies Applications Sheet

We get you connected.



Nobody connects you like L-com can.



Cable Assemblies Applications

Telecom/Datacom	WiFi	CATV	Network	Entertainment	Medical	Automotive	Military	Test Equipment
1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3
4			4	4	4	4	4	4
5				5	5	5	5	5
				6	6	6	6	6
				7	7	7	7	7
				8	8	8	8	8
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				10	10	10	10	10
				11	11	11	11	11
				12	12	12	12	12
				13	13	13	13	13
		14	14	14	14	14	14	14
			15	15	15	15	15	15
			16	16	16	16	16	16
			17	17	17	17	17	17
			18	18	18	18	18	18
	19		19	19	19	19	19	19
20		20	20	20	20	20	20	20
21				21	21	21	21	21
22				22	22	22	22	22
23				23	23	23	23	23
24				24	24	24	24	24
25				25	25	25	25	25

1 RJ11 / RJ12



RJ11/RJ12 Ethernet Patch cords feature Category 5E rating, full-shielding, 50 microinches gold plated contacts, keys available on top or bottom. Flat modular cable available with plug to wire, plug to lug, plug to plug options.

6 HDMI



Large selection of cost effective RoHS HDMI cables. Type A male to Type A male; Mini-HDMI to HDMI; swivel connector options, active HDMI repeater cables, double shielded jackets, fully molded. Each cable is 100% factory tested and certified by HDMI licensing LLC. LSZH and armored versions are also available.

11 Video Wall Plate Assemblies



A convenient series of pre-assembled wall plate assemblies combining L-com's innovative field termination style HD15, Mini DIN 4 (SVHS) and an HD15 female pigtail with stainless steel plates for field installation applications.

16 RCA / Component Video



Premium grade 75 Ohm coaxial cable and gold plated connectors assure optimum transmission of the component video signal. Bundled in a single jacket with molded strain relief for a rugged compact assembly.

21 Firewire (IEEE-1394)



FireWire (IEEE 1394) solutions for Apple/Sony Legacy ("i-Link") include IEEE-1394--400Mbps and IEEE-1394b--800Mbps transmission rates. Type1/Type1 & Type2/Type2 cables with PVC jackets; 22 & 26 AWG power conductors; 30u gold; latching & IP67 (environmentally sealed) assemblies are also available.

2 RJ45



RJ45 Ethernet Patch cords feature Category 5, 5E or Category 6 rating, fully-molded strain relief, full-shielding, low-smoke/zero halogen cable, straight or right angle versions, maximum # of twists throughout, 50 microinches gold plated contacts, keys available on top or bottom. Flat modular cable available with plug to wire, plug to lug, plug to plug options.

7 DisplayPort



DisplayPort technology replaces DVI & VGA cables and is the new digital display standard. It is the HDMI equivalent for computers simplifying high definition audio and video. To protect original investments and avoid costly upgrades, L-com manufactures adapters that convert DisplayPort technology to legacy DVI & HDMI right inside the adapter.

12 KVM



Keyboard, video, and mouse assemblies (KVM) make connections with the CPU and peripherals (keyboard, mouse, and monitor). L-com's KVM assemblies are offered with various interface and gender configurations (male-to-male & male-to-female) and utilize 75 Ohm coaxial cables assuring optimal video signal transmission.

17 Pro Audio



Extensive line of TS (tip and sleeve) 1/4" audio cables for use in professional audio applications including instrument connections and audio patching. Custom length and connector requirements welcome. TS to XLR female cables are ideal for unbalanced microphone applications and other audio applications requiring unbalanced audio connectivity.

22 SCSI



Standard SCSI assemblies available for 1, 2, 3, & 5 interfaces with all common connector styles: CN50 (male & female); half pitch males in 68 & 50 pins; DB50-male & a .8mm (high density) male. Other options include cables with ferrite cores; low smoke/zero halogen cables; gender changers and adapters.

3 M12



22AWG 2-pair, 4-position D-coded M-12 cable assemblies are available in straight and right angle configurations, mate to M-12 or RJ45 plug styles and feature UV and chemical resistant PUR jackets. Flat modular cable available with plug to wire, plug to lug, plug to plug options.

8 DVI



For EMI/RFI protection, DVI assemblies feature a molded integrated ferrite on both ends and a fully molded/shielded backshell. L-com offers DVI-D & DVI-I single and dual link assemblies with ferrites. LSZH options available. DVI-A to HD15 assemblies and DVI dust covers/male & female available.

13 Multi-Coaxial BNC



L-com's low loss (male-to-male) 75 Ohm coaxial cables are suitable for transmitting RGB video signals. Lightweight coax cables utilize spiral shielding for extra flexibility.

18 78 Ohm Twinax Coaxial



L-com's 78 Ohm cable assemblies are available in Hi-Temp versions as well as ML-STD-1553B versions for data bus applications. They feature Twinax BNC and TRB type high performance connectors.

23 DIN & Mini DIN



Largest DIN & Mini-DIN selection of exclusive user-friendly products in economy and premium assembly versions. L-COM EXCLUSIVE series of DIN & Mini DIN feed thru adapters with gold plated contacts and solid brass body for both panel & wall mounting. A Mini DIN 4 (s-video) jack is available for field termination.

4 D-Sub



Industry's broadest selection of D-Sub cables and adapters including standard, high density, IP67, filtered, low-smoke/zero halogen, complimented by gender, serial port and filter adapters & shielded covers. D-Sub adapter kits available for prototyping.

9 Enhanced Video Connectors (EVC)



Enhanced video connectors and receptacles (EVC) also known as plug & play (P&D) are designed for > 2 GHz transmissions and utilize connections for low frequency analog signals and another contact group that support high frequency analog signals. All assemblies are shielded and fully molded. Optimum video signal quality is achieved by the use of six 75 Ohm coaxial cables to carry the video signals.

14 75 Ohm Coaxial



Extensive 75 Ohm offering uses BNC, RCA, Type F, and SMB connector options as well as molded strain reliefs, other options include stranded center cores for maximum flexibility or solid center cores for less attenuation over distance, high temperature Teflon assemblies are available.

19 50 Ohm Coaxial



Broadest line of 50 Ohm coaxial cable assemblies featuring standard and hi-temp RG-Series cable and low-loss cable from 100-Series to 900 Series. Connector configurations include N, BNC, TNC, SMA, SMB, F, QMA, MMCX, MCX, UHF, NMO, and FME.

24 SATA/ eSATA / Slim SATA / Ultra ATA



SATA assemblies support data transfer rates as high as 3.0 Gbps. SATA & SATA II cable assemblies feature latching, 26 AWG conductors in PVC jackets, and gold plated contacts. eSATA cable assemblies support hot plugging and are fully shielded for maximum EMI/RFI protection.

5 USB



Large selection of USB 2.0 (480 Mbps) and USB 3.0 (4.8 Gbps) cable assemblies for transferring data or video. Available in IP67, multiple right angle versions, panel mount, flex cable, and coil cord with extenders and converters.

10 SVGA



L-com SVGA monitor cable assemblies feature superior construction resulting in superior performance. Connector termination utilizes an all steel box providing 360° shielding and reliable strain relief. The bulk cable is double shielded and utilizes 3 mini true 75 Ohm coaxial lines for unmatched video performance.

15 S-Video



S-Video(S-VHS) uses two separate coax cables to carry brightness and color signals resulting in high quality video output. Various connector combinations are available: Mini DIN 4 to BNC or RCA Molded and assembled versions are available.

20 Fiber Optic



With a broad range of connector types to choose from (ST, FC, SC, LC, MU, MT-RJ, and MPO), each L-com fiber optic cable assembly is 100% factory-tested and carries a one-year manufacturer's warranty. Versions up to 10 Gig multimode fiber are available along with a complete line of accessories and the most popular types of Simplex, Duplex, Breakout and Distribution cable.

25 IEEE-488



Largest IEEE-488 product selection with 4x more part numbers than the competition. Male and female molded, in-line GPIB cables with metal connector shells and enhanced cable shielding gradations meet tough demands.