

Did you know about our Custom Design and Manufacturing Capabilities?

This page contains some of the most common component information that we use in custom cable assemblies. Use it in conjunction with the fax form at the right to design the exact products you need, or try our online Product Finders at www.L-com.com for additional help in finding cable assemblies, connectors, adapters and more.



Coaxial Cable Assemblies

Connectors	1.0/2.3 1.6/5.6 BNC F FME MCX MMCX	Mini UHF N RCA SMA SMB SMC TNC	Twinaxial Twin BNC UHF	Cable Types	RG58C/U 50 Ohm RG6 75 Ohm RG142B/U RG174/U 50 Ohm RG188A/U 50 Ohm RG316/U 50 Ohm RG58 (Thin Ethernet)	RG213 RG6 Quadshield 75 Ohm RG59A/U 75 Ohm RG59B/U 75 Ohm RG62A/U 93 Ohm C734/735 (75 Ohm Digital) C1505A/1506A (75 Ohm Digital)	Special Requirements	Plenum Jacket Cable Labels Angled Connectors
	Connector Gender	Male or Female Reverse Polarization			See page 37 for additional cable information.			



Modular Cable Assemblies

Connectors	4x4 Handset 6x4 RJ11 6x6 RJ12 6x6 Offset MMJ 8x8 RJ45 10x10 Shielded 6x4 RJ11 Shielded 6x6 RJ12 Shielded 8x8 RJ45 Shielded 10x10	Cable Type	Silver Satin 4 Conductor Silver Satin 6 Conductor Silver Satin 8 Conductor Silver Satin 10 Conductor Cat. 5 with Shield 2 Pair (4 Conductor) Cat. 5 with Shield 4 Pair (8 Conductor) Category 5E 4 Pair (8 Conductor) Cat. 5E with Shield 4 Pair (8 Conductor) Category 6 with 4 Pair (8 Conductor)	Wire Type	Solid Conductor 24 AWG Stranded Conductor 24 AWG Note: 26 AWG is commonly used with shielded Category 5 cable.	Special Requirements	Plenum Jacket Zero Halogen Jacket Cable Labels Outdoor
	Connector Gender		Male or Female Reverse Polarization				



D-Sub Cable Assemblies (Data / Video)

Connectors	Standard Types 13W3 9 Pin D-Sub 15 Pin D-Sub 25 Pin D-Sub 37 Pin D-Sub 50 Pin D-Sub DVI-A DVI-D DVI-I	High Density HD 15 Pin D-Sub HD 26 Pin D-Sub HD 44 Pin D-Sub HD 62 Pin D-Sub HD 78 Pin D-Sub	Backshell	Molded with No Shield Molded with Foil Shield Molded with Steel Shield Assembled Plastic Assembled Metalized Plastic Assembled Metal Right Angle Hood Waterproof D-Sub Note: There is usually a 50 to 100 piece minimum run for molded assemblies.	Wire Type	24 AWG Stranded 26 AWG Stranded 28 AWG Stranded Multiconductor/Coax Other Straight conductors or twisted pairs.	Shielding Type	Unshielded Foil Shield Braided Shield Foil + Braided Shield
	Connector Gender			Male or Female Reverse Hardware		Special Requirements		High Temperature Jackets Low Smoke Zero Halogen Jackets Plenum Jackets Cable Labels Coaxial Lines for Video/Monitor Cables



Fiber Optic Cable Assemblies

Connectors	FC LC MT-RJ MTP MU	SC SMA905 SMA906 ST	Connector Polish (Loss Requirements)	PC Ultra PC 8° Angled (Singlemode)	Core Size	8-9µm, Singlemode 50µm, Multimode 62.5µm, Multimode Mode Conditioning	Cable Type	Simplex Duplex (zipcord) Breakout Distribution Armored Messenger	Special Requirements	Plenum Jacket Zero Halogen Jacket Cable Labels Pulling Eye
	Connector Gender	Male or Female Reverse Hardware								



Other Cable Assemblies

Connectors	AUI Centronics 36 DIN 5 DIN 6 DIN 8 EVC Fibre Channel IEEE-1394 4 Contact IEEE-1394 6 Contact M/F IEEE-1394b IEEE-488 GPIB Mini DIN 4 Mini DIN 6	Mini DIN 8 SCSI-1 CN50 SCSI-2 HPDB50 SCSI-3 HPDB63 Serial ATA Telco 50 Type B Data Connector Ultra SCSI .8mm USB Mini B Flying Leads USB Right Angle USB Type A M/F USB Type B V.35	Backshell	Molded with No Shield Molded with Foil Shield Molded with Steel Shield Assembled Plastic Assembled Metalized Plastic Assembled Metal Note: There is usually a 50 to 100 piece minimum run for molded assemblies.	Wire Type	24 AWG Stranded 26 AWG Stranded 28 AWG Stranded Other Note: Assemblies can use straight conductors or twisted pairs.	Shielding Type	Unshielded Foil Shield Braided Shield Foil + Braided Shield
	Connector Gender	Male or Female		Special Requirements		Plenum Jackets Cable Labels Coaxial Lines for Video/Monitor Cables High Temperature Jackets Low Smoke Zero Halogen Jackets		



One or more items in a product family are RoHS compliant and/or partially compliant. Access www.L-com.com for latest status.



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