

How are slimline adapters used?



Online Video

L-com.com/Videos/A24

Gender Changers:

Allow two same gender connectors to mate. Very handy to have on hand to solve problems in the field or lab. **See detail 1.**

Can also be used as pass through connectors for panel mounting. Note: See the tip on [page 96](#) for panel mounting hardware required. **See detail 3.**

Socket Savers:

Extend the life of more expensive D-Sub connectors on PCBs and cable assemblies that are subject to frequent mating and unmating. **See detail 2.**

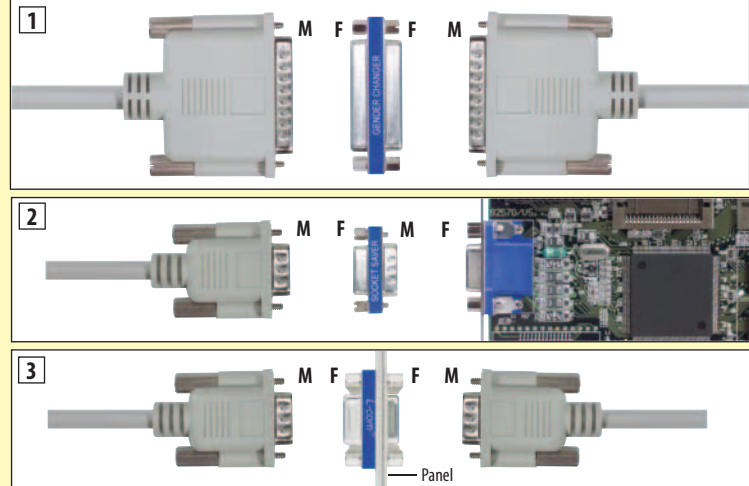
Can also be used as pass through connectors for panel mounting.

Null Modem, Reverser and Custom Wired Adapters:

Convert existing straight wired cables to the desired wiring scheme.

Can also be used for panel mounting.

Slim-Line adapters are used in a variety of applications, as illustrated here. Due to their low profile, they help reduce leverage strain on overstressed interface ports. (F = Female Connector, M = Male Connector)

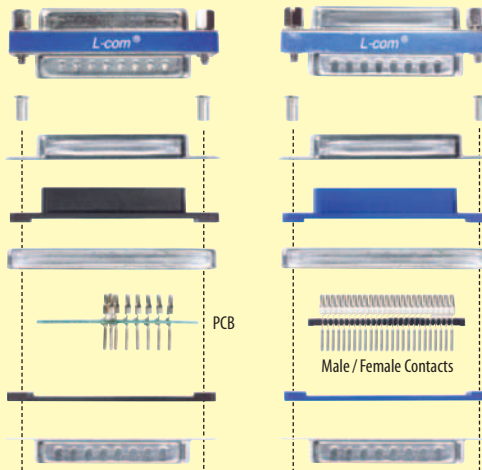


How slimline adapters are constructed

All slimline adapters are fully shielded providing EMI protection in electrically noisy environments. Gender Changers and Socket Savers use a one piece contact design ensuring reliability in applications requiring frequent connector mating/unmating. Standard mating hardware is easily removed and replaced for situations such as mismatched hardware, panel mounting, etc.

Adapters and Reversers

Gender Changer/Socket Saver



Mating Hardware	Brass, Nickel Plated
Durability Mating / Unmating	Approx. 100 cycles
Temperature Rating	-55°C to 105°C
Current Rating	5 amps max.
Voltage Rating	50 volts max.

Components

Materials

Hollow Rivet	Steel / Tin Plated
Female Connector Shell	Steel / Tin Plated
Female Connector Housing	Glass filled PBT, UL94 V-0 rated
Metal Shield	Steel / Tin Plated
Contacts	Brass / Gold Flash Plated
Male Connector Housing	Glass filled PBT, UL94 V-0 rated
Male Connector Shell	Steel / Tin Plated

Item #	Description	1-9	10-24	25-99	100+
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DB9, DB15 and DB25 Shielded Covers - Protect Ports from Contamination and EMI

These unique all metal covers provide port protection and shielding from EMI/RFI interference. Unlike other covers, the DML series is equipped with 4-40 screws for positive attachment and proper grounding.

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DML009S	Shielded Cover for DB9F/HD15F	1.75	1.61	1.47	CALL
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DML015S	Shielded Cover for DB15F/HD26F	1.75	1.61	1.47	CALL
DML019P	Shielded Cover for DB25M	1.75	1.61	1.47	CALL
DML019S	Shielded Cover for DB25F/HD44F	1.75	1.61	1.47	CALL

D-Sub Connector Covers - Protect Unused Ports, Pkg/10

These covers are perfect for protecting unused ports, cables or any expensive equipment from physical damage, dirt, and dust. Made from RoHS compliant PVC, these covers attach easily and stay in place with a snug friction fit. Color is Black.

CVR9F	DB9 / HD15 Protective Cover for Female Connectors, Pkg/10	6.95	6.39	5.84	CALL
CVR9M	DB9 / HD15 Protective Cover for Male Connectors, Pkg/10	6.95	6.39	5.84	CALL
CVR15F	DB15 / HD26 Protective Cover for Female Connectors, Pkg/10	6.95	6.39	5.84	CALL
CVR15M	DB15 / HD26 Protective Cover for Male Connectors, Pkg/10	6.95	6.39	5.84	CALL
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