

### How are slimline adapters used?



#### 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 147](#) 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.**

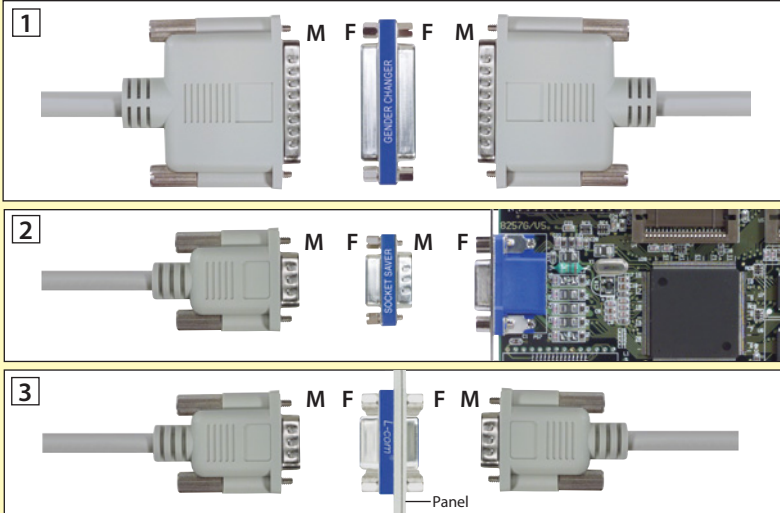
Can also be used as pass through connectors for panel mounting.

#### Null Modem, Reverser and Custom Wired Adapters:

Convert existing straight wired cables to the desired wiring scheme.

Can also be used for panel mounting.

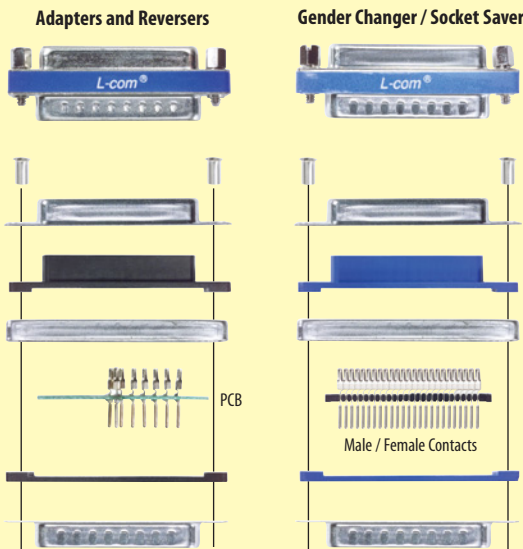
Slim-Line adapters are used in a variety of applications, as illustrated here. Due to their low profile, they help reduce leverage strain on overstressed interface ports. (F = Female Connector, M = Male Connector)



### 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.



<b>Mating Hardware</b>	Brass, Nickel Plated
<b>Durability Mating / Unmating</b>	Approx. 100 cycles
<b>Temperature Rating</b>	-55°C to 105°C
<b>Current Rating</b>	5 amps max.
<b>Voltage Rating</b>	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	100-249	250-499
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#### RoHS DB9 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.

<a href="#">DML009P</a>	Shielded Cover for DB9M	1.59	1.46	1.34	1.21	1.08
<a href="#">DML009S</a>	Shielded Cover for DB9F	1.59	1.46	1.34	1.21	1.08
<a href="#">DML019P</a>	Shielded Cover for DB25M	1.59	1.46	1.34	1.21	1.08
<a href="#">DML019S</a>	Shielded Cover for DB25F	1.59	1.46	1.34	1.21	1.08

#### RoHS 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.

<a href="#">CVR9E</a>	DB9/HD15 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
<a href="#">CVR9M</a>	DB9/HD15 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
<a href="#">CVR15F</a>	DB15/HD26 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
<a href="#">CVR15M</a>	DB15/HD26 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
<a href="#">CVR25F</a>	DB25/HD44 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
<a href="#">CVR25M</a>	DB25/HD44 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59



**How slim-line adapters are constructed**  
See the tip and more at  
[L-com.com/SlimlineConstruction](http://L-com.com/SlimlineConstruction)

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