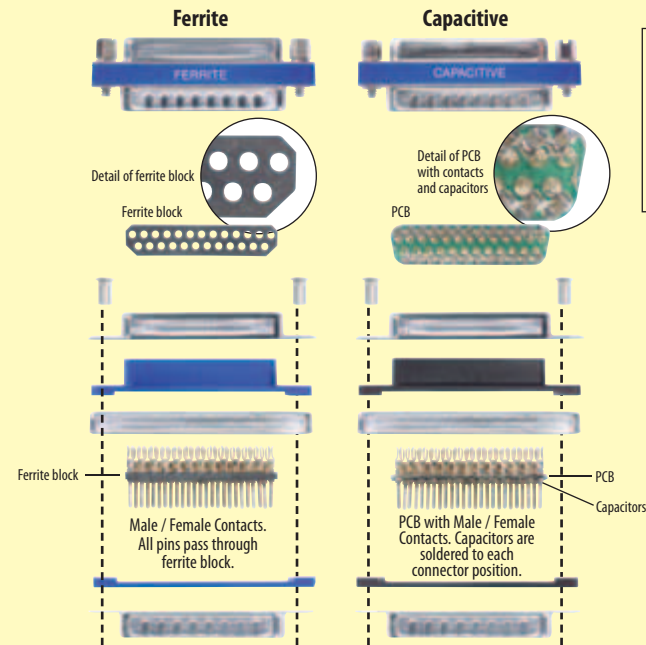


How filter adapters are constructed

Filtered adapters provide a cost effective method for reducing electromagnetic interference (EMI) and can help to avoid costly product redesigns. L-com offers two styles of filtered adapters, **Ferrite** and **Capacitive**.



Mating Hardware	Brass, Nickel Plated
Durability Mating / Unmating	Approx. 100 cycles
Temperature Rating	-55°C to 105°C
Current Rating	5 amps max.
Capacitors (Ceramic)	820 pf ± 10% Voltage 100 VDC
Dielectric Withstanding Voltage	500 VDC, 1 minute
Insulation Resistance	500m Ohms @ 100 VDC

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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Slim-Line Block Ferrite Filter Adapters - Eliminate Problem EMI in Computing Devices

L-com's plug-receptacle feed-thru adapter is a viable alternative solution for companies that need to rework (retrofit) existing designs in their effort to meet FCC regulations. Use these filtered D-Sub adapters where it's necessary to limit electromagnetic interference (EMI). Easy installation, economical cost, low profile and fully shielded. Four D-Sub sizes available, supplied with male/female hardware. Engineer's kit is also available and contains one of each adapter in a plastic carrying case.

DGF9MF	Ferrite Filter (EMI) Adapter, DB9 Male / Female	7.95	7.31	6.68	6.04	5.41
DGF15MF	Ferrite Filter (EMI) Adapter, DB15 Male / Female	8.95	8.23	7.52	6.80	6.09
DGF25MF	Ferrite Filter (EMI) Adapter, DB25 Male / Female	9.95	9.15	8.36	7.56	6.77
DGF37MF	Ferrite Filter (EMI) Adapter, DB37 Male / Female	11.95	10.99	10.04	9.08	8.13
DGF100K	Engineer's Kit with 4 EMI Adapters	38.95	35.83	32.72	29.60	26.49

Slim-Line Ceramic Capacitive Filter Adapters - For Excellent, Economical Noise Removal

Filtering is the simplest method of removing unwanted interference from within a circuit. A capacitive filter is built into a male/female D-Sub adapter that provides an easy-to-use retrofit adapter. Although reasonably priced, there is a cost associated with capacitors and that is signal degradation, particularly in CMOS circuits with extremely low signal levels. Systems that transmit strong signals and can tolerate moderate loss are well suited for capacitive filtering. Our compact design allows an extremely low profile of only 0.2" (0.5cm). Individual capacitance on each pin is 820pF. Also available in an engineer's kit of 4 adapters.

DGFC9MF	Capacitive Filter (EMC) Adapter, DB9 Male / Female	8.95	8.23	7.52	6.80	6.09
DGFC15MF	Capacitive Filter (EMC) Adapter, DB15 Male / Female	10.95	10.07	9.20	8.32	7.45
DGFC25MF	Capacitive Filter (EMC) Adapter, DB25 Male / Female	13.95	12.83	11.72	10.60	9.49
DGFC37MF	Capacitive Filter (EMC) Adapter, DB37 Male / Female	20.95	19.27	17.60	15.92	14.25
DGFC100K	Engineer's Kit with 4 EMC Adapters	53.95	49.63	45.32	41.00	36.69

DB9, DB15, DB25 or HD15 Connectors for Field Termination - Panel Mountable, Male or Female

These field termination connectors provide an easy and convenient way to perform field termination of any DB9, DB15, DB25 or HD15 cable. Separate connection points are provided for all positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections without special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" (0.5cm). Please note the orientation of the terminal blocks on the new male connectors.

DGB9FT	DB9 Female Connector for Field Termination	8.25	7.75	7.26	6.77	6.27
DGB15FT	DB15 Female Connector for Field Termination	9.75	9.16	8.58	8.00	7.41
DGB25FT	DB25 Female Connector for Field Termination	12.00	11.28	10.56	9.84	9.12
DGBH15FT	SVGA HD15 Female Connector for Field Termination	10.00	9.40	8.80	8.20	7.60
DGB9MT1	DB9 Male Connector for Field Termination	8.25	7.75	7.26	6.77	6.27
DGB15MT1	DB15 Male Connector for Field Termination	9.75	9.16	8.58	8.00	7.41
DGB25MT1	DB25 Male Connector for Field Termination	12.00	11.28	10.56	9.84	9.12
DGBH15MT1	SVGA HD15 Male Connector for Field Termination	10.00	9.40	8.80	8.20	7.60

DB9, DB15, DB25 or HD15 Female Connectors for Field Termination with Screwless Terminal Block

These field termination female connectors provide an easy and convenient way to perform field termination of any cable. Separate connection points are provided for all positions of the connector plus the ground. Screwless terminal block design with spring clamp provides reliable electrical connections utilizing no special tools. Simply depress the spring clamp, insert wire, release and the wire is secure. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" .

DGS9FT	DB9 Female Connector for Field Termination	8.75	8.22	7.70	7.18	6.65
DGS15FT	DB15 Female Connector for Field Termination	10.25	9.63	9.02	8.41	7.79
DGS25FT	DB25 Female Connector for Field Termination	12.75	11.98	11.22	10.46	9.69
DGSH15FT	HD15 Female Connector for Field Termination	10.50	9.87	9.24	8.61	7.98