



## Selecting the right D-Sub Cable Assembly for your application.

L-com takes pride in having the largest variety of D-Sub cables in the industry. The following selection guide is intended to assist you in selecting the right cable for your particular need.

Cable Series	Available Sizes	Available Connector Combinations	Color	Cable Shielding	Wire AWG	Distinguishing Characteristics	Photo
CSM	DB9, DB15, DB25, DB37	Male-Male, Male-Female	Gray	Foil/Mylar	26	Least expensive option Uses smaller, slotted screws instead of thumbscrews	
CSMN	DB9, DB15, DB25, DB37, DB50	Male-Male, Male-Female, Female-Female	Light Gray	Foil/Mylar *	26 *	Most similar to industry standard cables	
CSMNB	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar	26	Black color for color matching black computer peripherals	
CS2N	DB9, HDB15, DB25, DB37, DB15	Male-Male, Male-Female	Light Gray	Foil/Mylar + Braid	26	Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CRMN	DB9, DB15, DB25, DB37	Male-Male, Male-Female, Female-Female	Light Gray	Foil/Mylar	26	Reversible hardware feature allows cables to be directly panel mounted without the use of an adapter or any other component	
CSMUZ	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar + Braid	24	Low Smoke Zero Halogen (LSZH) jacket and backshell material significantly reduce the amount of toxic and corrosive gases emitted during combustion. Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CSNULL	DB9, DB25, DB25-DB9	Male-Female, Female-Female	Light Gray	Foil/Mylar	26	Data lines wired specifically to allow devices to communicate without the use of modems or other peripherals	
CMZ	DB25 Male-DB9 Female	Male-Female	Light Gray	Foil/Mylar	26	Wired specifically to connect an external modem (DB25) to a PC serial port (DB9)	
CHD	HDB15, HDB26, HDB44, HDB62, HDB78	Male-Male, Male-Female	Light Gray**	See below**	See below**	High density D-Sub connectors utilize more contacts than standard D-Sub connectors even though they use the same size connector shells	
CPMS	DB9, DB15, DB25	Male-Male, Male-Female	Dark Gray	Foil/Mylar + Braid	20	20 AWG conductors allow for maximum current throughput. Extra cable shielding provides maximum protection from EMI/RFI. Reversible hardware feature allows cables to be panel mounted without the use of an adapter or any other component.	

\* Exception - CSMN50 is double shielded (foil/mylar + braid) with 28 AWG conductors

CHD44 is double shielded (foil/mylar + braid) with 24 AWG conductors

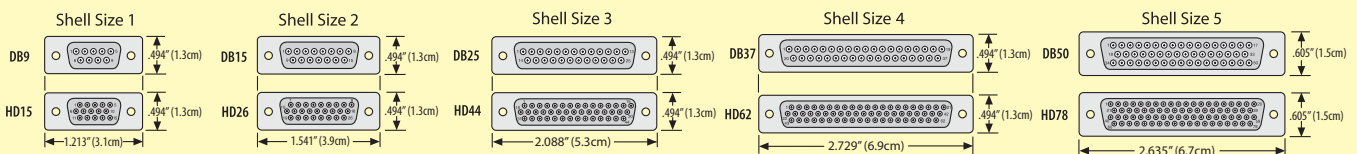
\*\* CHD15 & CHD26 are foil/mylar shielded with 26 AWG conductors

CHD62 & CHD78 are double shielded (foil/mylar + braid) with 28 AWG conductors

## What is the difference between standard and High-Density D-Sub configurations?

The industry uses 5 different shell sizes; each shell size can have 2 different configurations of pins.

Standard configurations are listed on top and High-Density are listed below.



Online Video

[L-com.com/Videos/A14](http://L-com.com/Videos/A14)



## Distinguishing between male and female D-Sub connectors

See the free video tip and more at [L-com.com/Videos/A14](http://L-com.com/Videos/A14)

