

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
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### Serial Communication and the EIA232C Standard - What Does It Mean?

Serial communication is the transmission of signals over a single line or channel. It can be visualized as a line of data bits transmitted in sequence, one after another. Serial transmission is usually used to transmit data between a computer and computer peripheral. Almost all PCs today have at least one serial port to connect it to other devices such as modems, plotters, etc.

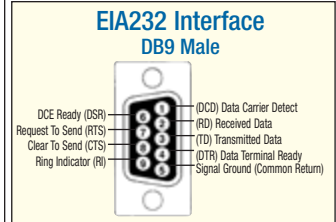
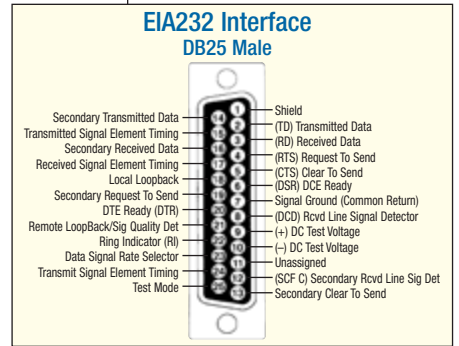
The most common serial interface standard is RS-232C or EIA232C established by the Electronic Industries Association (EIA). This standard specifies transmission at signal rates of 20 Kbps or less with a 15 meter maximum distance. EIA232C ports on PCs use either DB9 or DB25 male connectors with female hardware.

The biggest shortcoming of the EIA232C standard was its limited transmission distance and speed. EIA next introduced the EIA449/422/423 standard to increase these parameters. EIA449 defines the mechanical characteristics, whereas EIA422 and 423 specify the electrical interface. EIA449 utilizes cable terminated with 37 pin D-Subminiature connectors.

### ✓RoHS DB25-DB9 Serial Port Adapters and Cables - Change From 9 to 25 and Vice Versa

Does your PC have a DB9 serial port while your modem has a DB25? These handy adapters and cables can solve your interface problem. All are 100% shielded for applications where noise is abundant. Cables and high profile adapters have removable hex nuts to mate with PC ports with reverse hardware or peripherals with standard hardware. Low profile adapter comes with permanently mounted hex standoffs on DB9 side. Color: Beige.

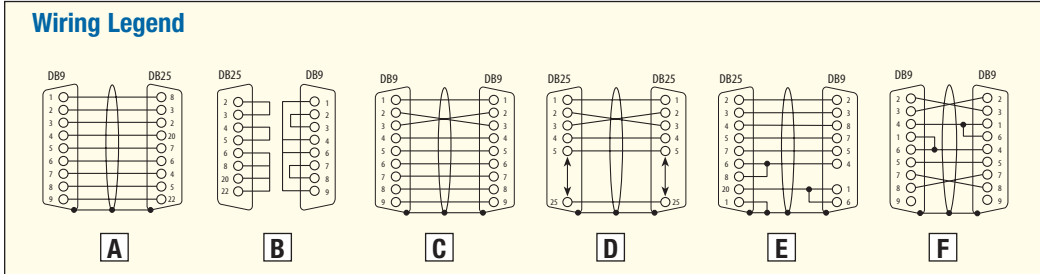
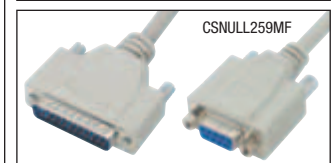
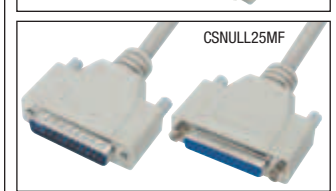
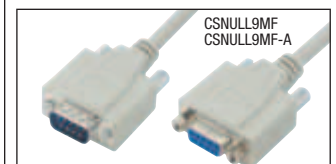
CM26-IBM	Molded AT Modem Cable, DB25 Male / DB9 Female, 6.0ft (1.8m)	A	7.50	6.90	6.30	5.70	5.10
CM210-IBM	Molded AT Modem Cable, DB25 Male / DB9 Female, 10.0ft (3.0m)	A	9.00	8.28	7.56	6.84	6.12
DG259FM-IBM	Molded AT Adapter, High Profile, DB25 Female / DB9 Male	A	5.95	5.36	4.76	4.17	3.57
DG259MF-IBM	Molded AT Adapter, High Profile, DB25 Male / DB9 Female	A	5.95	5.36	4.76	4.17	3.57
DGL259MF-IBM	Molded AT Adapter, Low Profile, DB25 Male / DB9 Female	A	5.95	5.36	4.76	4.17	3.57
DGL259FF-IBM	Molded AT Adapter, Low Profile, DB25 Female / DB9 Female	A	5.95	5.36	4.76	4.17	3.57
<b>Note:</b> DG and DGL types supplied with user removable hex nuts.							
DMA010MF	Slimline AT Adapter, DB25 Female / DB9 Male	A	5.95	5.36	4.76	4.17	3.57
DMA010FM	Slimline AT Adapter, DB25 Male / DB9 Female	A	5.95	5.36	4.76	4.17	3.57



### ✓RoHS Deluxe Null Modem Cable Assemblies with Thumbscrews, Fully Shielded

The CSNULL series of cable assemblies features the same construction as the CSMN series but is wired to the most common null modem wiring schemes. The transmit data and receive data signals are crossed to allow two DTE or DCE devices to communicate.

CSNULL9FF-5	Deluxe Null Modem Cable, DB9 Female / Female, 5.0ft (1.5m)	C	10.75	9.68	8.60	7.52	6.45
CSNULL9FF-10	Deluxe Null Modem Cable, DB9 Female / Female, 10.0ft (3.0m)	C	12.50	11.25	10.00	8.75	7.50
CSNULL9FF-25	Deluxe Null Modem Cable, DB9 Female / Female, 25.0ft (7.6m)	C	17.75	15.97	14.20	12.42	10.65
CSNULL9MF-5	Deluxe Null Modem Cable, DB9 Male / Female, 5.0ft (1.5m)	C	10.75	9.68	8.60	7.52	6.45
CSNULL9MF-10	Deluxe Null Modem Cable, DB9 Male / Female, 10.0ft (3.0m)	C	12.50	11.25	10.00	8.75	7.50
CSNULL9MF-25	Deluxe Null Modem Cable, DB9 Male / Female, 25.0ft (7.6m)	C	17.75	15.97	14.20	12.42	10.65
CSNULL9FF-5A	Deluxe Null Modem Cable, DB9 Female / Female, 5.0ft (1.5m)	F	10.75	9.68	8.60	7.52	6.45
CSNULL9FF-10A	Deluxe Null Modem Cable, DB9 Female / Female, 10.0ft (3.0m)	F	12.50	11.25	10.00	8.75	7.50
CSNULL9FF-25A	Deluxe Null Modem Cable, DB9 Female / Female, 25.0ft (7.6m)	F	17.75	15.97	14.20	12.42	10.65
CSNULL9MF-5A	Deluxe Null Modem Cable, DB9 Male / Female, 5.0ft (1.5m)	F	10.75	9.68	8.60	7.52	6.45
CSNULL9MF-10A	Deluxe Null Modem Cable, DB9 Male / Female, 10.0ft (3.0m)	F	12.50	11.25	10.00	8.75	7.50
CSNULL9MF-25A	Deluxe Null Modem Cable, DB9 Male / Female, 25.0ft (7.6m)	F	17.75	15.97	14.20	12.42	10.65
CSNULL25FF-5	Deluxe Null Modem Cable, DB25 Female / Female, 5.0ft (1.5m)	D	14.00	12.60	11.20	9.80	8.40
CSNULL25FF-10	Deluxe Null Modem Cable, DB25 Female / Female, 10.0ft (3.0m)	D	16.50	14.85	13.20	11.55	9.90
CSNULL25FF-25	Deluxe Null Modem Cable, DB25 Female / Female, 25.0ft (7.6m)	D	24.00	21.60	19.20	16.80	14.40
CSNULL25MF-5	Deluxe Null Modem Cable, DB25 Male / Female, 5.0ft (1.5m)	D	14.00	12.60	11.20	9.80	8.40
CSNULL25MF-10	Deluxe Null Modem Cable, DB25 Male / Female, 10.0ft (3.0m)	D	16.50	14.85	13.20	11.55	9.90
CSNULL25MF-25	Deluxe Null Modem Cable, DB25 Male / Female, 25.0ft (7.6m)	D	24.00	21.60	19.20	16.80	14.40
CSNULL259MF-5	Deluxe Null Modem Cable, DB25 Male / DB9 Female, 5.0ft (1.5m)	E	11.25	10.13	9.00	7.87	6.75
CSNULL259MF-10	Deluxe Null Modem Cable, DB25 Male / DB9 Female, 10.0ft (3.0m)	E	13.00	11.70	10.40	9.10	7.80
CSNULL259MF-25	Deluxe Null Modem Cable, DB25 Male / DB9 Female, 25.0ft (7.6m)	E	18.25	16.43	14.60	12.77	10.95



### ✓RoHS Serial Loopback Tester - Creates Handshaking for DB25 or DB9 Serial Ports

This handy loopback tester comes complete with DB9 and DB25 female connectors to interface with any PC serial port. They are useful for diagnosing problems with serial interfaces.

MA259-IBM	Serial Loopback Tester, DB25 Female / DB9 Female	B	9.95	9.15	8.36	7.56	6.77
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To see our entire product offering go to... [L-com.com](http://L-com.com)