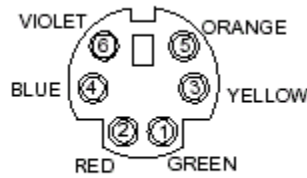


LP-LINKSYS-1W Release 2.0 Version 1.0 Cable Connection Guide



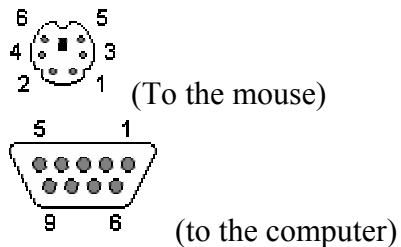
PS/2 Style Female Mini Din connector wired for RS232 use
Only 3 wires needed for a connection

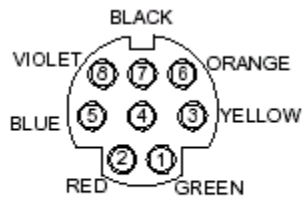
DB-25 Pin	DB-9 Pin Female	Signal	Function	Direction if Connected	PS/2 6 Pin Min-DIN	6 Pin Mini Din Cable Color	P C B	Circuit Board
8	1	DCD	Data carrier detect (Data*)		1	Green	1	+5 Volts**
3	2	RXD	Received data	←	2	Red	6	TXD
2	3	TXD	Transmitted data	→	6	Violet	2	RXD
20	4	RTS	Request to send		4	Blue	4	+5 Volts**
7	5	SG	Signal ground	↔	3	Yellow	3	GND2
6	6	DSR	Data set ready (Clock*)		5	Orange	5	+5 Volts**
4	7	DTR	Data terminal ready					
5	8	CTS	Clear to send					
	9		Ring Indicator					

*These pins used in a PS/2 mouse

** Optional connection

*** Color coding is based on the cables from Mouser – others may differ





161-2108

Cable colors based on cables from Mouser

Female Mini-DIN connector wired for 1WRJ45 use

Pin	8 Pin min Din Wire Color	Abbr. Name	Name	1WRJ45 Jumpers	Function
1	Green	5R	VCC_GND	SJ1 Enable	+5 Volt return
2	Red	5+	VCC_PWR	SJ11 Enable	+5 Volt (within 10% range)
3	Yellow	AR	A_RTN	SJ2 Enable	Analog return
4	White	OW	OWIO		1-Wire Data
5	Blue	OR	OWRTN		1-Wire Return
6	Orange	AS	A_SIG	SJ4 = Enable for monitoring	Analog Signal
7	Black	+V	VRAW	Not Used*	+12 Volts regulated
8	Violet	VR	VRAW_GND	SJ3 Enabled	+12 Volt return