



LEMAR INDUSTRIAL CORP.



PS/2 Converter for Keyboard and Mouse

PART NO.: Mini Din Plug

B048M2610

Mini Din Receptacle

B048F2009

Description:

The Lemar PS/2 CONVERTER for Keyboard and Mouse allows the connection of standard PS/2 Keyboard and Mouse to PC via one UTP (Unshielded twisted pair) cable for more versatile cabling. The PS/2 Converter is used in pairs for long distance cabling flexibility.

Typical applications include corporate projection systems, classroom video instruction and video information systems. All our Baluns are 100% test for reliability and durability to guarantee your signal integrity.

Specification:

Environment	PS/2 Keyboard and Mouse
Devices	PC, Laptops, PS/2 Keyboard and Mouse
Bandwidth	DC to 1 MHz
Connectors	RJ45 Jack B048M2610: Dual Mini Din Plug (Connects to PC End; Green for Mouse, purple for Keyboard) ,6" lead B048F209: Dual Mini Din Receptacle (Connects to PS/2 Keyboard and Mouse; Green for Mouse, purple for Keyboard)
Cable-UTP	Cat 5 or better. wires impedance 100ohm at 1MHz Maximum capacitance: 20 pf/foot. Attenuation: 6.6 dB/1000 ft at 1 MHz
Max. distance	Cat 5. 350 ft (110M), including PS2 cables.
Pin Configuration (Reverse Polarity Sensitive)	MINI DIN: Pin1-- Data, Pin3-- Gnd, Pin4-- +5V, Pin5-- Clock RJ45: Mouse: Pin1-- Gnd, Pin2-- Clock, Pin3-- +5V, Pin6—Data Key Board: Pin8-- Gnd, Pin7-- Clock, Pin5-- +5V, Pin4—Data
Environment required	Operating: 0 to 55 C. Storage:-20 to 85 C. Humidity: up to 95%
Dimension	B048M2610: 33.0x21.0x24.2mm B048F209: 49.2x43.0x21.5mm



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Installation:

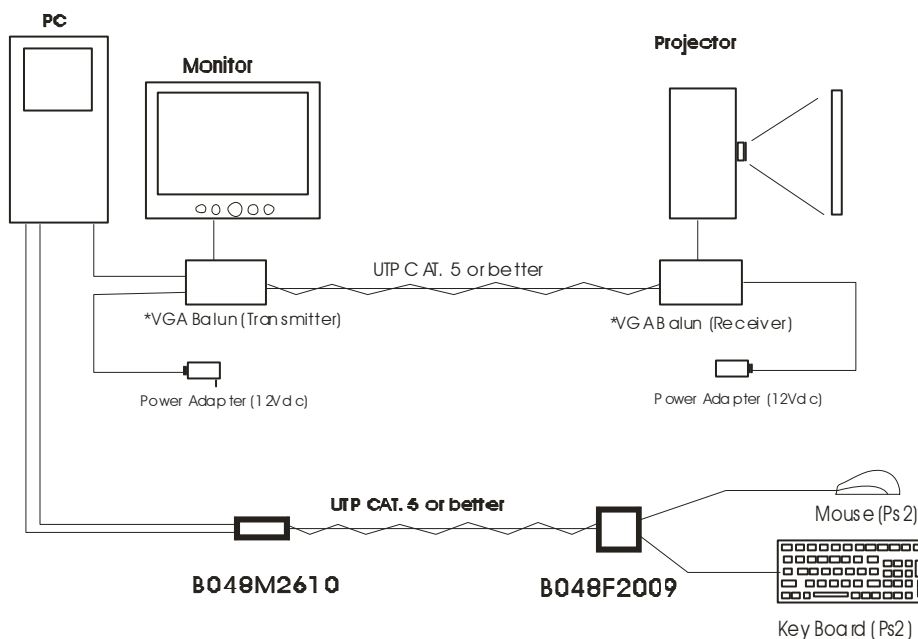
1. Turn PC off.
2. Remove PS2 Key board and Mouse.
3. Plug-in PS2 connectors in B048M2610 into PS2 sockets in PC by following the colors identifications.
4. Plug-in Key board and Mouse into PS2 sockets in B048F2009 by following the color identifications.
5. Connect UTP cable between B048M2610 and B048F2009.
6. Turn PC on.

Trouble Shooting:

1. No function:
 - a. Turn PC off.
 - b. Check all the connections.
 - c. Check the maximum distance is under specification.
 - d. Check if qualified UTP cable is used.
 - e. Restart PC.

REMARK: Make sure all the installations are operated under PC off.

Typical application:



*: Both passive and active VGA Baluns can be applied depends on the distance, check distributor for the details.

Passive VGA Baluns: B229F209 & B229M269

Active VGA Baluns: