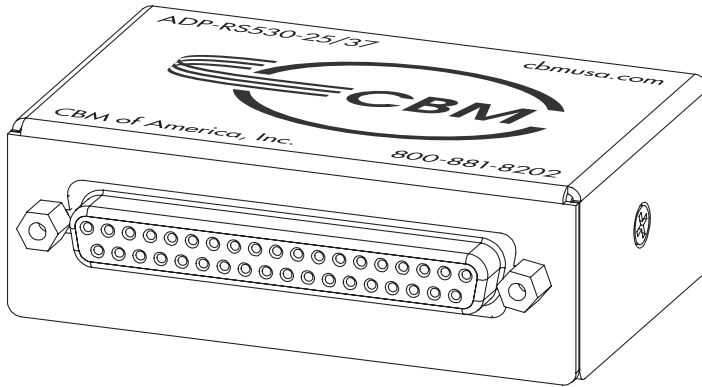




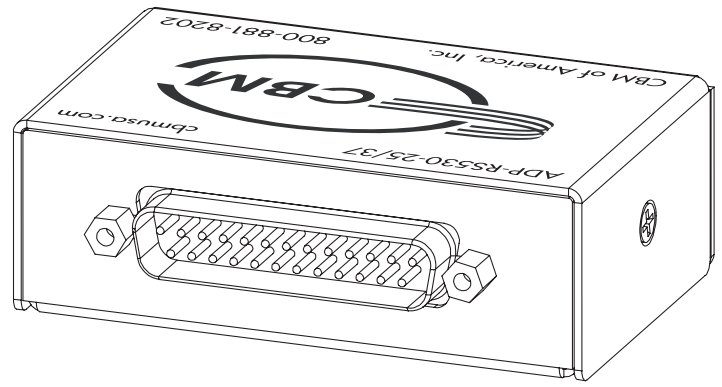
# ADP-RS530-25/37

Line-powered device adapting serial links from RS449 over DB-37 to RS232 over DB-25

FRONT VIEW:



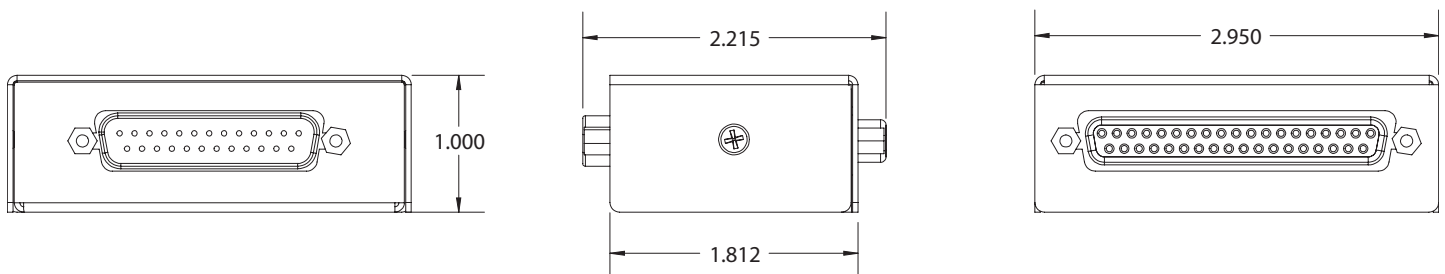
REAR VIEW:



CBM of America's ADP-RS530-25/37 is a single port adapter connecting RS449 and RS232 circuits. The adapter has a female DB-37 connector at the RS449 port, accepting a cable from a DTE device, and a male DB-25 connector at the RS232 port, accepting a cable from a DCE device which will supply clock to the circuit. Although it is an active device it derives power from the serial ports themselves and requires no fuse assignment.

Standoffs or jackscrews threaded for 4-40 UNC allow for cables to be secured at both ports. This device is protected by a robust aluminum enclosure.

## Physical Layout and Dimensions



## Pinout

Signal names in the following table are referenced to the RS449 port, which accepts a connection from a DTE device. Power for the protocol conversion in this adapter is potentially derived from pins 2, 7, 9, 11, 12, 13, 15, 18, 33 and 34 of the DB-37 port and pins 4, 5, 6, 8 and 20 of the DB-25 port; these pins must be populated in the cables used with this adapter. All pin numbers unreferenced in this datasheet are left open.

DB-37 Pin	Signal Name (RS-449)	Direction	Signal Name (RS-232)	DB-25 Pin
4 22	SD-A SD-B	→	TxD	2
5, 8 23, 26	ST-A, RT-A ST-B, RT-B	←	CLK	15, 17
6 24	RD-A RD-B	←	RxD	3
19	SGND	—	SGND	7