

ELECTRONIC CONNECTOR ADAPTER WITH POWER INPUT

ABSTRACT OF THE DISCLOSURE

A connector adapter (300) enabling power to be provided to a portable electronic device (400) through a combined power and signal connector. In a specific example system, power for a portable electronic device is provided through a serial data connector. A serial I/O cable (200) has a device end (204, 214) and a computer end (202). The computer end of the cable has a connector (208) that includes a socket for receiving a power jack (212) from a separate power supply. The adapter (300) enables external power to be connected when the portable electronic device (400) is operating alone. The adapter is similar to the computer end (202) of the I/O cable, comprising a serial data connector (302) that includes a socket (304) for receiving a power jack (212) from the separate power supply.

Figure 3