

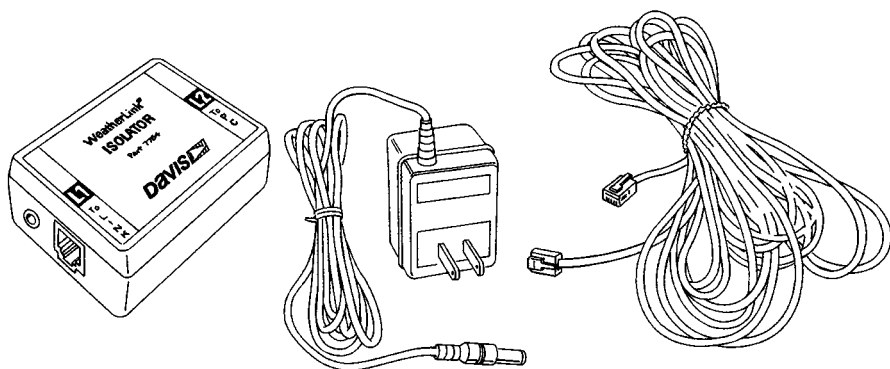
LINK ISOLATOR KIT

The Link Isolator Kit provides upgraded protection against the electrical disturbances caused by ground offsets or static charges by placing an optical connection between the WeatherLink[®] data logger (WeatherLink) and your computer. Since electrical disturbances cannot travel across the optical connection, the Link Isolator Kit will help prevent lockups of the weather station console and possible damage to the console, WeatherLink, and PC. The use of the Link Isolator Kit is highly recommended when the weather station console and the computer are not grounded or are connected to two different grounds.

COMPONENTS

The Link Isolator Kit includes the following components. Please make sure you have all listed components before continuing.

- ◆ Link Isolator Unit
- ◆ Power Adapter
- ◆ 40 feet (12 m) WeatherLink Cable (4-conductor)

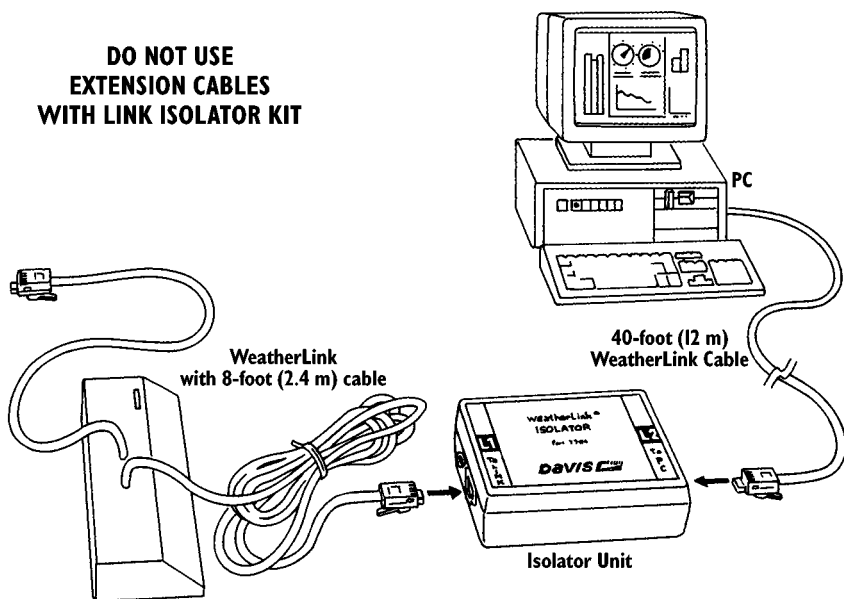


CONNECTING THE LINK ISOLATOR UNIT

The isolator unit provides must be connected between the WeatherLink and the PC as shown below. When connecting the isolator unit, make sure it is placed indoors and is located within 12' (3.6 m) of a power outlet.

You may not use any extension cables with the isolator unit, meaning that the WeatherLink must be within 48' of the PC. Connect the cable coming from the WeatherLink to the jack marked L1 (To Link) on the isolator unit. Connect one end of the 40-foot (12 m) WeatherLink cable to the jack marked L2 (To PC) on the isolator unit. Connect end of the 40-foot (12 m) WeatherLink cable to the PC COM Port adapter and to your PC (the adapter is supplied with the Weather-Link).

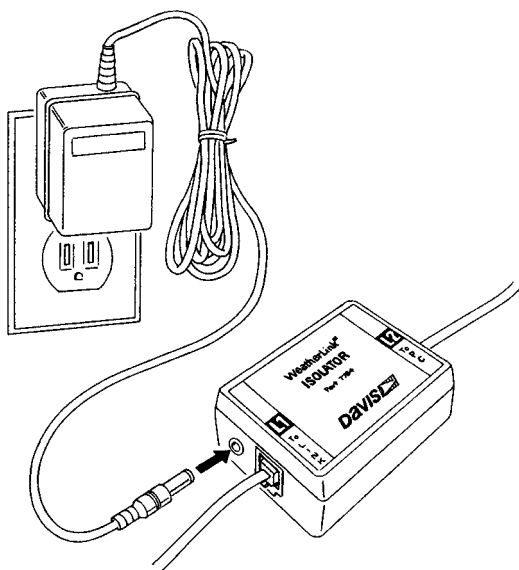
**DO NOT USE
EXTENSION CABLES
WITH LINK ISOLATOR KIT**



CABLE CONNECTIONS

POWERING THE ISOLATOR UNIT

To power the isolator unit, connect the power adapter to the power jack located next to the L1 jack as shown below. Then plug the power adapter into a power outlet.



POWERING THE LINK ISOLATOR UNIT

FCC Part 15 Class B Registration Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved in writing by Davis Instruments may void the user's authority to operate this equipment.

Product Number: 7764

Davis Instruments Part Number: 7395-104

Link Isolator Kit

Rev. B Manual (7/7/99)

This product complies with the essential protection requirements of the EC EMC Directive 89/336/EC.

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