

AirGuard range

Solid State DC Coaxial Surge Protection

INTRODUCTION

The AirGuard range of surge protectors provide protection for equipment connected by coaxial cables. This Solid State RF protector provides DC continuity as follows:

- Model 90812 can pass positive 50 volts on the center pin.
- Model 90813 can pass negative 50 volts on the center pin.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

Never install during a lightning storm.

INSTALLATION

1. The RF is installed on the coaxial interconnection between the Outside Data Unit (ODU) and the Inside Unit (IDU). The

- RF Barrier should be installed on, or as close to, the IDU as possible.
2. The RF should be connected to the IDU coaxial input. The coaxial cable from the ODU should then be connected to the RF Barrier. Either connector can be used for input or output but be sure that the LED faces away from the equipment so that it is easily seen.
3. A 14AWG ground strap must be connected to the RF grounding pin and then attached to a suitable ground such as the equipment cabinet. The RF should be positioned so that the ground strap length is as short as possible.
4. **SAVE THESE INSTRUCTIONS**

INDICATION

When the DC power is applied to the RF protector a green led will illuminate, indicating normal operation and protection is present.

Green light off indicates a loss of protection and the unit **MUST** be replaced.

