

## best practice installation

Best Practice Installation technical bulletins give tips to installers and maintenance engineers on how to get the best performance from the Microscan product range. Visit our website [www.tljones.com](http://www.tljones.com) for the full range of bulletins, data sheets, installation instructions, and other product information.

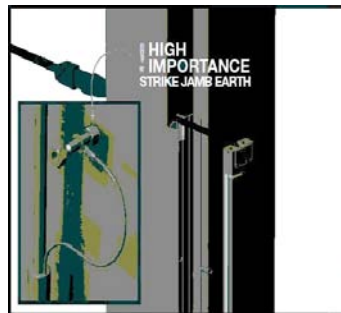
All Microscan detectors are now fitted with 4 core cables on both the receiver (RX) & transmitter (TX) sides. This means that the TX will also have a grounding wire with lug as well. Please connect grounding wires of the RX and TX as Follows:

### Important Grounding Information

The installer must ensure that the sensor units and power supply are correctly grounded.

1. Ensure that both sensor units are properly grounded to the doors (and to the strike jamb on the side opening doors).

Standard Unit



Slimline Unit



2. Ensure that the power supply is grounded to the car.

**Troubleshooting tip:** If you suspect that electrical interference is occurring (for example, if the doors are false firing), check the grounding between the car door and the elevator car, and between the power supply and car doors. If necessary, run a separate grounding wire (not supplied).