

Section 3

RF HARDWARE

Updated 24 November 2011

Ground Earthing Kits



In the event of a lightning strike, a Ground Earthing Kit is an essential precaution to protect coaxial cable and valuable transmission equipment from a destructive power surge.

For the maximum protection possible, a Coaxial Power Surge Protector installed in the feeder cable line is also highly recommended.

Ground Earthing Kits are available for various coaxial cables :

- **GK7850** will suit 7/8" flexible foam dielectric cable,
- **GK1250** suits 1/2" flexible foam dielectric cable,
- **GK1250SF** is for 1/2" super flexible foam dielectric, and
- **GK950** can be fitted to RU400, RG213 or RG214 cables.

The installation process is :

1. Measure the earthing kit clamp and carefully strip an appropriate portion of the cable jacket to expose the outer conductor or braid.
2. Secure the copper earthing kit clamp around the exposed section of cable.
3. Wrap the self-amalgamating tape supplied around the clamp and cable to cover thoroughly. To establish a weatherproof seal, tightly wrap the PVC tape supplied over the top of the entire area. (Not applicable to GK950.)
4. Use the bolt, washer and nut supplied to secure the lug on the kit lead to a metal object grounded to earth.



GK7850

Ground Earthing Kit to suit
7/8" flexible foam dielectric cable



GK1250

Ground Earthing Kit to suit
1/2" flexible foam dielectric cable



GK950

Ground Earthing Kit to suit
RU400, RG213 or RG214 cables



GK1250SF

Ground Earthing Kit to suit
1/2" super flexible foam dielectric cable