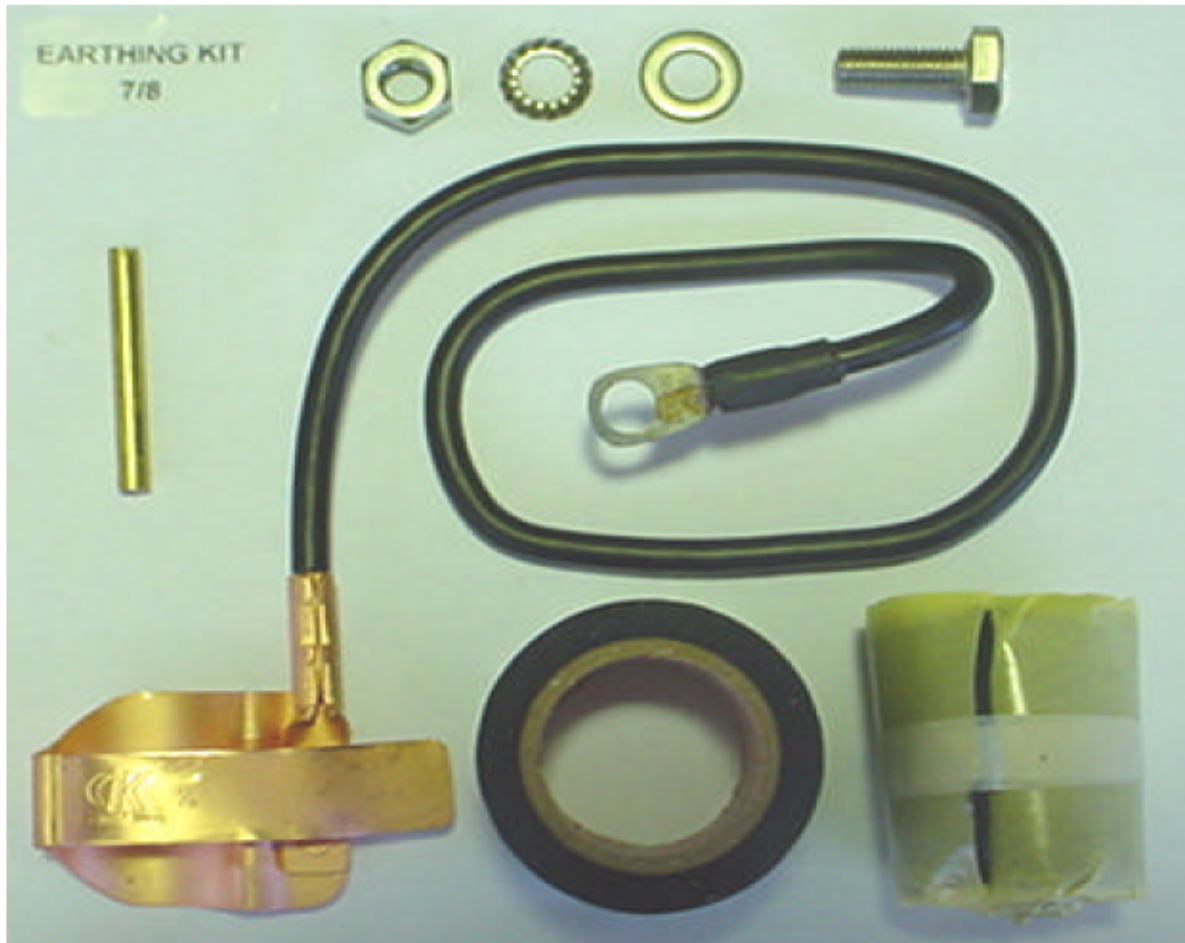


EARTHING KIT FOR 7/8" FOAM DIELECTRIC CABLE



PACKING LIST

1. Earth cable assembly
2. Brass key
3. Bolt M10 x 25mm s/s
4. Nut M10 x s/s
5. Washer flat 10mm s/s
6. Washer external star 10mm s/s
7. Electrical tape 38mm
8. Butyl tape
9. Instruction sheet.

INSTALLATION INSTRUCTIONS

1. Cable to be earthed at approximately 15M intervals
2. Earthing kit to be installed as close as possible to antenna
3. Ideally cable should be earthed at building entry point
4. Earthing down conductors separate from the cable, should be used on non-metallic towers
5. It is advised to prepare earth connections prior to installations
6. Remove 50-55mm of the outer sheath of the cable.
7. Wrap 2 layers of Butyl tape around earth wire just above earth clamp
8. Place earth clamp over exposed outer conductor with earth cable pointing downward
9. Bend earth clamp around exposed outer conductor. (Care should be taken not to damage conductor)
10. Push lip of earth clamp through slot and bend outwards to secure
11. Insert lip fully into brass winding key slot and wind inwards using a screwdriver
12. Continue winding until torque indicator starts flattening. Do not over tighten as this may cause cable damage and effect performance of the cable.
13. Leave brass-winding key in place as part of the assembly. Please note that some movement of assembly may be experienced. This is normal and does not indicate poor electrical contact.
14. Wrap butyl tape with 50% overlap, starting from the tape on the earth wire and working up to a point 80mm above the earth plate. 30% Stretch should be applied to tape while taping.
15. Gently form Butyl tape over clamp assembly ensuring position of earth cable is parallel to coaxial cable.
16. Taping with 50% overlap, cover Butyl tape with electrical tape exceeding 30mm on both sides.
17. Squeeze taped area firmly to ensure uniform adhesion.
18. Connect earth cable to tower or earth down conductor with bolt and nut supplied.

Note: Galvanised tiers or towers should ideally be cleaned of zinc deposit around fixing hole to ensure proper electrical contact. Apply zinc rich primer on fixed bolt as corrosion protection