WAVEYWIRE™ DETECTION TAPE

INSTALLATION INSTRUCTIONS

INTRODUCTION

- Install the tape in the trench approx 300mm above the utility line.
- The closer the tape is to the ground surface, the earliest possible warning of potential danger.
- For best results, the ends must be brought back to the surface to allow direct connection to the location equipment.
- For long installations, ensure that the tape is brought up to the surface every 300-500 metres

JOINING

There are two methods of joining the WAVEYWIRE™ Detection Tape

1. SIMPLE > twisting the wires together
2. RECOMMENDED > crimping the wires together

SIMPLE

- Pull the wires from the plastic tape
- Twist one wire from each tape tightly together
- Fold the wires over and twist again
- Repeat with the second wires

RECOMMENDED

- Pull the wires from the plastic tape
- Twist one wire from each tape tightly together
- Insert the twisted wires into a special joining crimp (ref UKT140CRI)
- Securely crimp using the heavy duty crimping tool (ref UKT140TOOL)

TERMINATING

- For best results, it is essential that one end of the WAVEYWIRE™ Detection Tape is left exposed above the ground surface.
- Future location of the utility line relies on the ability to be able to directly connect the locating equipment to the tracer wires.
- Ideal termination points include hydrant posts, valve chambers, inspection boxes

LOCATION

The WAVEYWIRE™ Detection Tape can be located using any of the standard detection equipment. The actual method depends upon the equipment, so refer to your user manual for further information.

In general, the following principles apply

- Insert the earth stake 100mm deep, about 5 metres from the Signal Generator and at right angles to the assumed path of the tape.
- Connect the earth stake to the Signal Generator
- Pull the wires out of the plastic of the WAVEYWIRE™ Detection Tape
- Connect the wires to the Signal Generator by means of a crocodile clip lead

- Turn the Signal Generator to the connection mode
- A pulsing sound should be heard
- Turn the Locator to the Signal Generator mode
- Move 5 metres from the Signal Generator and start to locate in a vertical sweeping motion
- Reduce the sensitivity to pinpoint the precise position of the buried tape
- Mark this position and repeat the procedure a further 5 metres away.
- By linking the marks, the route of the tape can be established.