



**Guidelines for
Teletics
Antenna and Cable
Installation**

Helpful things to have in a Teletics service truck

- Spool of shielded Cat5E cable (Olympic 3804M5 or equivalent)
- Spool of shielded 4-conductor 16gauge cable (Olympic 2304TF or equivalent)
- Caulking gun and silicone sealant
- Several rolls of Butyl tape and 2" electrical tape
- 1" Step Bit (for drilling access holes through metal/plastic)
- Paddlebit Set (for drilling access holes through wood)
- Self-tapping screws for mounting boxes to metal walls (always seal holes)

Note: When installing systems on Drilling Rigs or in Mud Pits, use exclusively shielded cable to eliminate sound interference. Ground shield of cable at equipment location, either by attaching to radio chassis or by attaching to structure ground.

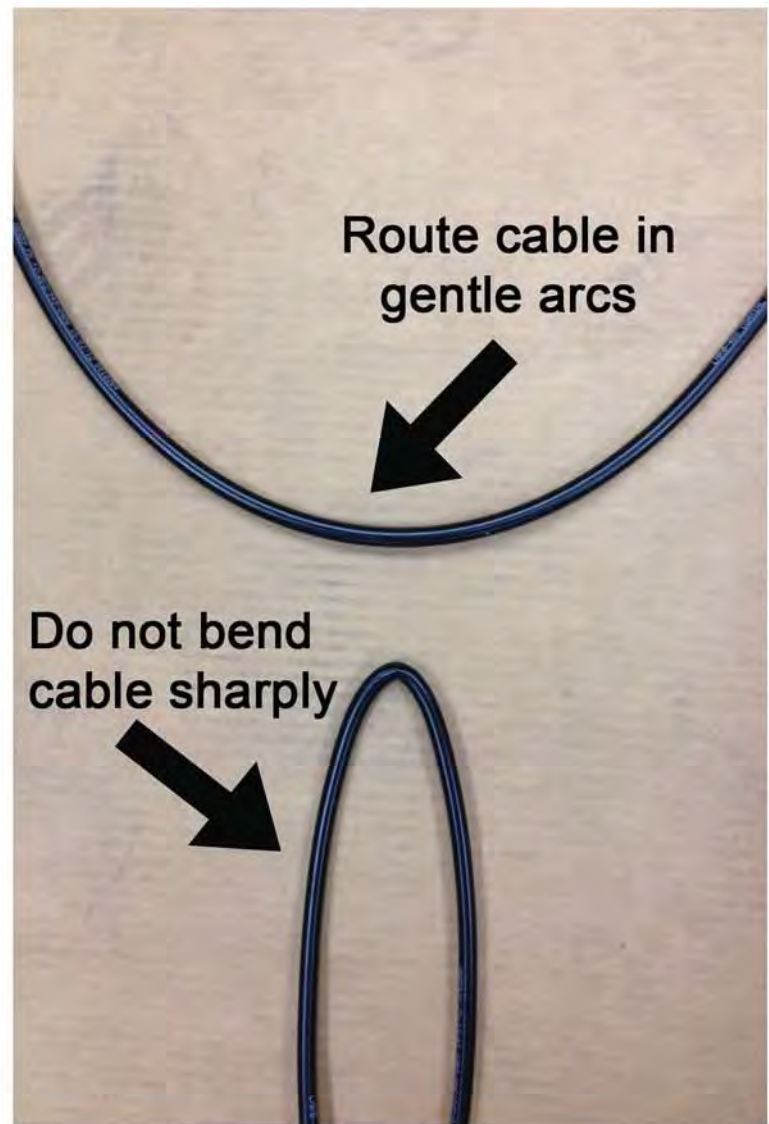
Tools Necessary For Teletics Installations



- 1. Channel Locks
- 2. Wide Mouth Crescent Wrench
- 3. Small Crescent Wrench
- 4. Wire Cutters/Strippers
- 5. Flush Cutter
- 6. Utility Knife
- 7. 6-in-1 Screwdriver
- 8. Cable Cutters

- 9. Level
- 10. Power Drill
- 11. 5/16" Nut Driver
- 12. Phillips bit
- 13. Torch (or heat gun)
- 14. 3/4" Electrical Tape
- 15. Butyl (weatherseal)
- 16. 2" Electrical Tape





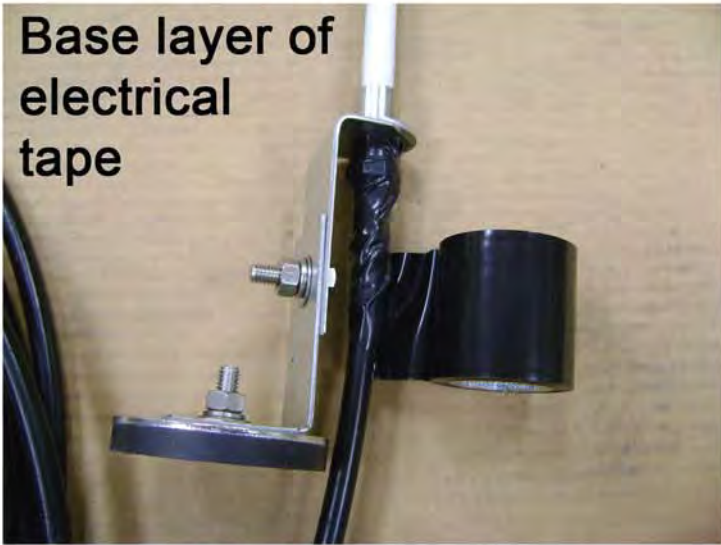
- When routing cable avoid sharp edges and corners.
- Anticipate moving parts and machinery. Make sure cable is clear of potential cutting or scraping

Antenna/Cable connection must be waterproofed. There are two acceptable methods of doing this during installation.

**Option 1:
Heat Shrink**



Base layer of electrical tape



Layer of butyl tape, pressing into contours



Final overlapping layer of electrical tape



Option 2: Electrical Tape and Butyl Tape

This installation ensures waterproofing and easy removal if needed.



Finished seal is waterproof



Must use shielded audio cable for **EXTERIOR**

horns

(Olympic 2886T or equivalent)



CANNOT USE CAT5e

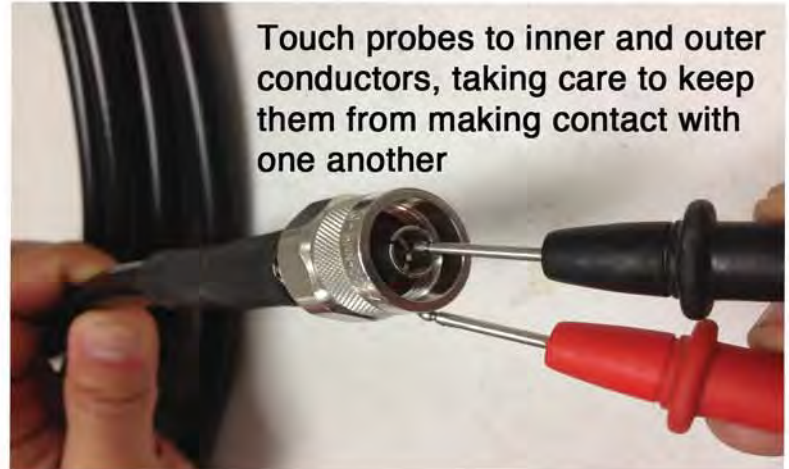
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Use outdoor Silicone sealant for all building penetrations



Procedure for testing cable function using a multimeter



you will hear a beep and screen will change to "0"



Beep will stop and screen will change back to "OL"

