

CSC Required Test Equipment List 2013

SATELLITE (includes antennas and master antenna systems)

TEST EQUIPMENT:

1. Volt Ohm meter
2. Field Strength or Signal Level meter (54 – 900 MHz)
3. Dual satellite/LNB alignment beeper – signal level meter
4. Satellite identifier meter
5. Test color TV
6. Working L-band satellite receiver spare
7. Test in-line 10 – 20 dB amplifier
8. Radio communications set (walki-talki's)
9. Telephone line toner and inductive pickup
10. Spare LNBF and spare dual LNBF for brands serviced
11. Spare polarity-LNBF switching blocks
12. 12-24 V battery subber
13. Compass
14. Inclinometer

TOOLS:

1. Cordless drill and bits for concrete and thick walls
2. Ground-mount pole installation tools (level, post-hole digger, mix, PVC, etc.)
3. Coaxial cable compression type crimping tool (RG 6 and 59)
4. Non-penetrating roof mount hardware
5. Ladder, siding protection sleeves, safety harness
6. Wall-fishing tools
7. Wall-mount hardware, cable clips
8. Coaxial cable prep tool
9. Shovels, hatchet or ax
10. Trenching tool (manual or gas)
11. Splice kit for coaxial cable
12. Stapler and staples for coaxial cable
13. Concrete tools (trowel, hoe, wheel barrow)
14. Stud finder

SUPPLIES

Special additional equipment for C/Ku and other specialized satellite system equipment

1. Ground rods and blocks
2. Splitters; 50-900 MHz and 900-2000 MHz
3. Diplexers and LNBF switching components
4. 3 X 4 Multiswitch – 40 – 2150 MHz

SOFTWARE – LITERATURE

1. Laptop computer with minimum of Windows 98 or higher
2. Installation – operators manuals for brands serviced
3. Programming charts
4. Satellite position charts

Special additional equipment for rooftop/tower/off-air antenna work:

1. Spare U/V test antenna
2. Spare pre-amplifier *
3. Spare antenna rotator *
4. Lineman's belt and harness - lanyard
5. Portable AM radio (for power line noise detection)
6. Assorted antenna mounting hardware (ducks feet, wall mounts, chimney mounts)
* not required for metro area service

Recommended Additional Optional Equipment

1. **Spectrum Analyzer** (may sub for signal strength – RF signal level meters above)
2. Gourmet Entertainment Arcset alignment tools