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StarLink Remote Antenna Kits

StarLink SLE Fire Series UL Listed Communicators

Installation Instructions

WI2230CLF 2/19

The StarLink **Remote Antenna Kits** are designed to increase LTE cellular transmission signal strength by providing a weatherproof exterior antenna option for the StarLink SLE Fire Series UL Listed communicators. The kits include a dual wide band, 4-9dBi omnidirectional indoor / outdoor antenna that provides improved signal performance in weak cellular signal areas. The antenna is foam filled for vibration stabilization and long lasting performance in extreme conditions. Each antenna includes an L-bracket with stainless steel nuts and U bolts for pole mounting (up to 2" diameter poles). Also included in the kit is the **SLE-ANTEXT-ISO** non-conductive mounting plate that is used in commercial fire applications to ground-fault isolate the antenna (see reverse). The kits include low loss, interconnecting coaxial cables of differing length that connect the antenna to the standard SMA female threaded connector included with all StarLink communicator models (use the supplied MINI-UHF Female to SMA Male adaptor, as shown below).

TECHNICAL SPECIFICATIONS

| | |
|--------------------------|---|
| Radiation Pattern | Omni-Directional |
| Gain | 4-9dBi |
| Bandwidth | VSWR: <1.5: 1 = 695-3000 MHZ in all 3G & 4G Bands |
| | VSWR: <2.0: 1 = 695-3000 MHZ |
| Impedance | 50 ohms |
| Max. Input Power | 50 watts |
| Exterior Finish | Black UV stable |
| Dimensions | 8 ⁷ / ₈ " (225 mm) Length x 2 ³ / ₈ " (60 mm) od |
| Weight | 10 oz. |
| RF Connector | Type N female |
| PIM | -155dBc |
| Installation | Included L bracket with U-bolts for up to 2" diameter pole; SLE-ANTEXT-ISO ground fault isolation plate |
| Polarization | Vertical |
| Wind Rating | > 110 MPH |
| Warranty | 36 months |
| Environments | Indoor or outdoor use |

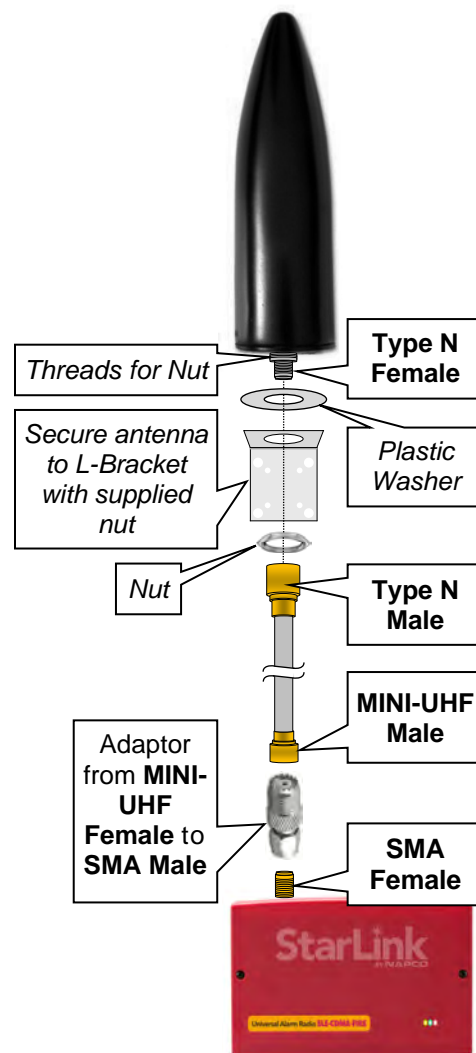
FEATURES

- Compact design
- UV stable polyurethane finish
- Vibration stabilized foam filled
- Excellent 700 MHZ LTE performance
- Universal applications

ORDERING INFORMATION

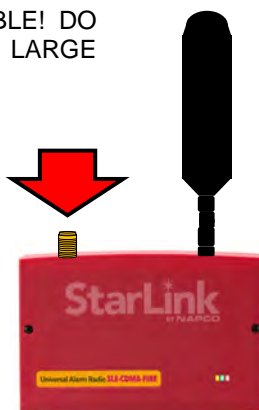
- **SLE-ANT** - Antenna only, black UV stable finish
- **SLE-ANTEXT30** - 30' Remote Antenna Kit, Includes **SLE-ANT** Antenna, 30' Coax Type N male to MINI-UHF male terminated cable and SMA M to MINI-UHF F Adaptor
- **SLE-ANTEXT50** - 50' Remote Antenna Kit, Includes **SLE-ANT** Antenna, 50' Coax Type N male to MINI-UHF male terminated cable and SMA M to MINI-UHF F Adaptor
- **SLE-ANTEXT75** - 75' Remote Antenna Kit, Includes **SLE-ANT** Antenna, 75' Coax Type N male to MINI-UHF male terminated cable and SMA M to MINI-UHF F Adaptor

IMPORTANT: DO NOT ALTER OR ADD COAXIAL CABLE! DO NOT PLACE ANTENNA WITHIN 4 FEET OF OTHER LARGE METAL OBJECTS.



For use on LTE Communicators

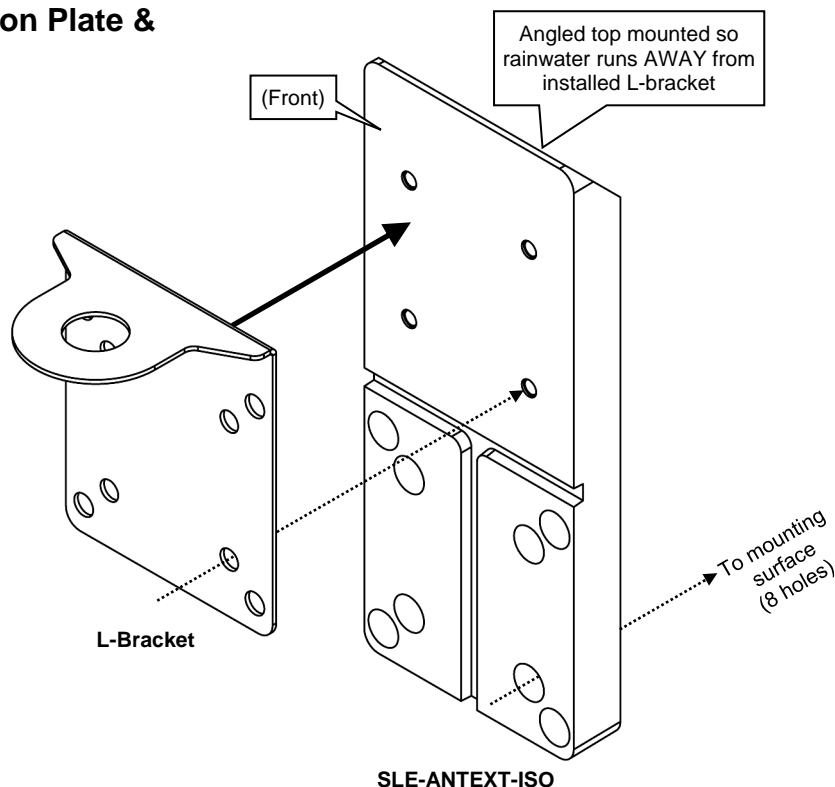
Connect extended antenna to the left (SMA female) connector (the right LTE antenna supplied with the communicator can be left in place).



SLE-ANTEXT-ISO Ground Fault Isolation Plate & L-Bracket

The **SLE-ANTEXT-ISO** ground fault isolation plate (shown at right) can be used for new or existing installations to eliminate the possibility of ground fault troubles in commercial fire applications. If needed, remove the existing L-bracket and reuse the four holes in the mounting surface to secure the **SLE-ANTEXT-ISO**, then secure the L-bracket to the **SLE-ANTEXT-ISO** with the four supplied screws. If needed, eight screw holes are available for securing the **SLE-ANTEXT-ISO** to the mounting surface.

To shed rain water, the face of the **SLE-ANTEXT-ISO** includes grooves, and its angled top should always be mounted so that rainwater runs AWAY from the installed L-bracket, as shown.



NAPCO LIMITED WARRANTY

NAPCO SECURITY SYSTEMS, INC. (NAPCO) warrants its products to be free from manufacturing defects in materials and workmanship for *thirty-six months* following the date of manufacture. NAPCO will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges.

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NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

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