



333 Bayview Avenue, Amityville, New York 11701
 For Sales and Repairs, (800) 645-9445
 For Technical Service, (800) 645-9440 or visit us at
<http://tech.napcosecurity.com/>

(Note: Technical Service is for security professionals only)
 Publicly traded on NASDAQ Symbol: NSSC
 © NAPCO 2018

StarLink Antenna Extension Kits

StarLink SLE Fire Series UL Listed Communicators

Installation Instructions

WI2230BLF 6/18

The StarLink **Antenna Extension Kits** are designed to increase cellular transmission signal strength and provide an 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 enhances transmission and reception signals within the 824 - 894MHz and 1850 - 1990MHz bands, and are designed to minimize loss and maximize gain. The antenna is foam filled for vibration stabilization and long lasting performance in extreme conditions. A UV stable polyurethane finish provides outstanding corrosion resistance in the harshest environments. Each antenna includes an L bracket with stainless steel U Bolts for pole or wall mounting. The kits also include high quality, low loss coaxial cable and an adaptor for connection to the SMA female antenna connector of all StarLink radio models.

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** 8⁷/₈" (225 mm) Length x 2³/₈" (60 mm) od
- Weight** 10 oz.
- RF Connector** Type N female
- PIM** -155dBc
- Installation** Included L Bracket with U-bolts for up to 2" pole
- Elements** Copper
- Polarization** Vertical
- Wind Rating** > 110 MPH
- Warranty** 36 months
- Environments:** Indoor or outdoor use

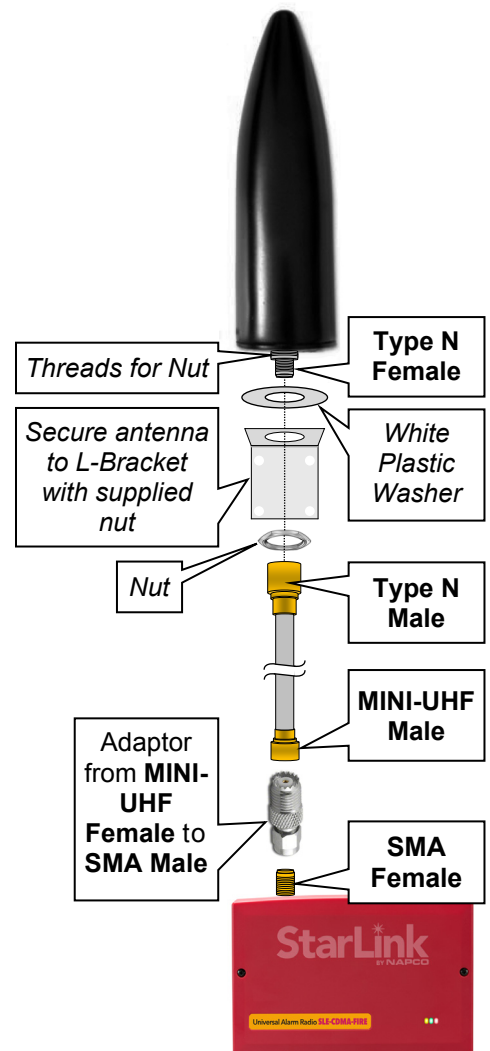
FEATURES

- Compact design
- UV stable polyurethane finish
- Vibration stabilized foam filled
- Excellent 700 MHZ LTE performance
- VSWR <1.5:1 in 3G & 4G bands
- Universal applications

ORDERING INFORMATION

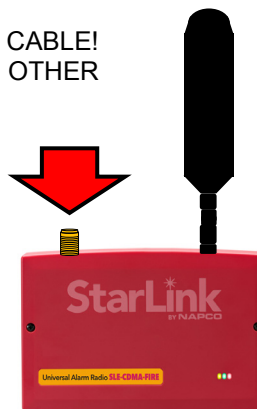
- **SLE-ANT** - Antenna only, black UV stable finish
- **SLE-ANTEXT30** - 30' Antenna Extension Kit, Includes **SLE-ANT** Antenna, 30' Coax Type N male to MINI-UHF male terminated cable and SMA M to MINI-UHF F Adaptor
- **SLE-ANTEXT50** - 50' Antenna Extension Kit, Includes **SLE-ANT** Antenna, 50' Coax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



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.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF NAPCO.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period. IN NO CASE SHALL NAPCO BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

In case of defect, contact the security professional who installed and maintains your security system. In order to exercise the warranty, the product must be returned by the security professional, shipping costs prepaid and insured to NAPCO. After repair or replacement, NAPCO assumes the cost of returning products under warranty. NAPCO shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. NAPCO will not be responsible for any dismantling, reassembly or reinstallation charges.

This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly cancelled. NAPCO neither assumes, nor

authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products.

In no event shall NAPCO be liable for an amount in excess of NAPCO's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

NAPCO RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

Warning: Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. NAPCO does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

NAPCO is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to NAPCO's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.