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# SLE-ANTEXT Antenna Extension Installation Instructions

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The StarLink **SLE-ANTEXT** dual-band indoor / outdoor antenna extension provides omnidirectional coverage in cellular frequencies. When the minimum signal strength required by the Napco StarLink radio installation instructions cannot be met, the **SLE-ANTEXT** external antenna may be used to increase the signal strength. The **SLE-ANTEXT** is intended for use with StarLink SLE Series and SLE Fire Series UL Listed communicators. The antenna features a magnetic base with a protective coating that facilitates stable installation without damage to the mounting surface. The **SLE-ANTEXT** antenna is connected to 15 feet (4.57m) of double-shielded low-loss coax cable with an SMA (SubMiniature A) male connector. **Note:** Always mount the **SLE-ANTEXT** on a flat metal ground plane. The supplied mounting bracket is the minimum size that should be used; use of a larger size is preferred. Although we recommend using the **SLE-ANTEXT**, any similar cell phone external antenna may be used without violating the UL Listing of the SLE radio (always keep the length of the coax cable as short as possible to minimize signal loss).

The **SLE-ANTEXT** enhances transmission and reception signals within the 824-894MHz and 1850-1990MHz bands, and is designed to minimize loss and maximize gain (you can likely expect a gain of 3dB).

For outdoor installations, always follow NEC requirements for grounding.

**IMPORTANT:** DO **NOT** ALTER OR ADD COAXIAL CABLE! Except for mounting the antenna on a large metal ground plane, DO **NOT** PLACE ANTENNA WITHIN 4 FEET OF OTHER LARGE METAL OBJECTS.

## TECHNICAL SPECIFICATIONS

Maximum Power: .....10 Watts  
 Polarization: .....Vertical  
 Nominal Impedance: .....50Ω  
 VSWR\*: .....2.0 across the band  
 .....<1.9:1 (ASPA1894B)  
 .....<2.5:1 (MBDM800/1900)  
 Radiator Material: .....Stainless steel, black chrome plated  
 Antenna Base: .....Molded high strength plastic  
 Mounting Base: .....Black coated stainless steel  
 Boot: .....Rubber  
 Mounting Force: .....105.8 ounces (3kg) min.  
 Installation  
 Environments: .....Indoor or outdoor use