Antenna / Antena

Ref. 149381 (Ant-149321+ P)
Safety Instructions:

LIGHTNING PROTECTION

● If installed outdoors, be sure the antenna system is grounded so as to provide protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code ANSI/NFPA 70, or CSA C22.1 sections 10, 16, and 54, of the Canadian Electrical Code, provide information with regard to proper grounding of the mast and supporting structure, grounding of the antenna lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode (see figure and instructions).

● Mount the lightning arrester or 75 ohm coaxial grounding block as close as possible to where the 75 ohm coaxial cable downlead enters the house.

● The ground wires for both the mast and the downlead should be copper or aluminum wire, number eight (8) or larger.

● The downlead wire from the antenna to the lightning arrester and the mast ground wire should be secured to the house, spaced from four (4) to six (6) feet apart.

● In the case of a “ground up” antenna installation it may not be necessary to ground the mast if the mast extends four or more feet in the earth. Consult a TV serviceman for the proper depth in your location.

WARNINGS

● To prevent fire or shock hazard, do not expose the included power supply to rain or moisture.

● Installation of off-air antennas near power lines is dangerous. For your safety, follow the installation instructions.

● Any alteration or modification to the product or usage not in accordance with product instructions voids the warranty.

Antenna Lead in Wire

Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70

Antenna Load in Wire

Antenna Discharge Unit
(NEC Section 810-20)
(May substitute a 75 ohm Coax Grounding Block)

Grounding Conductors
(NEC Section 810-21)

Ground clamps

Power service Grounding Electrode System
(NEC Art 250, Part H)

NEC - National Electrical Code

Antenna Selector

This antenna works in the following zone(s).

High VHF / UHF

See the TV Antenna Selector Map to find the zone in which you live.