

Technical specifications / Características técnicas

Mode	Modo		Boss OFF (Passive)		Boss ON (Active)	
Operating band	Banda de trabajo	MHz	High VHF 174 - 216	UHF 470 - 698	High VHF 174 - 216	UHF 470 - 698
Gain	Ganancia	dBi	8.5	16	21 max.*	31 max.*
Output level	Nivel de salida		----		Auto*	
Noise figure	Figura de ruido	dB	----		2 typ	
Power supply	Tensión de limentación	Vdc	0		12 - 24	
Consumption	Consumo	mA	----		40 max	
Beamwidth	Ancho de haz	°	30			
Wind load	Carga al viento	N	120 (@ 80 miles/h) 165 (@ 93 miles/h)			

*The gain is automatically adjusted according to the output level / La ganancia varía automáticamente en función del nivel de salida.

Safety Instructions:

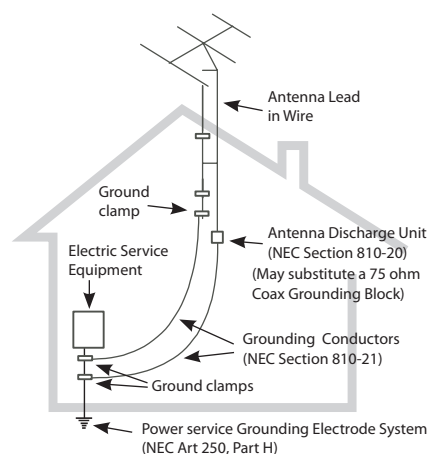
LIGHTNING PROTECTION

- ♦ 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/NFPA70, or CSA C22.1 sections 10, 16, and 54, of the Canadian Electrical Code, provide information with respect 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 arrestor 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 arrestor 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.

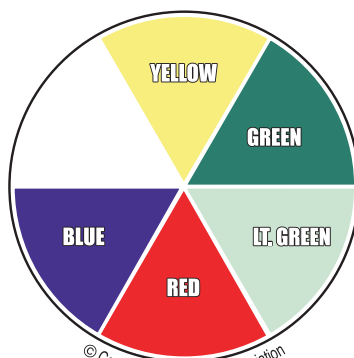
Example of antenna grounding as per National Electrical Code, ANSI/NFPA 70



NEC - National Electrical Code

Antenna Selector

This antenna works in the following zone(s).

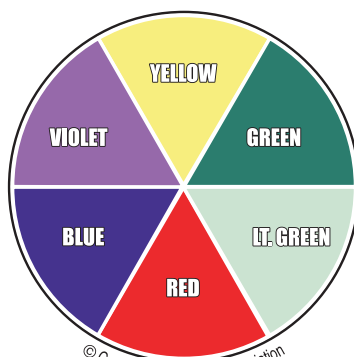


See the TV Antenna Selector Map to find the zone in which you live.

High-VHF

Antenna Selector

This antenna works in the following zone(s).



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

UHF

