

7110 Series Omni-Directional Antenna

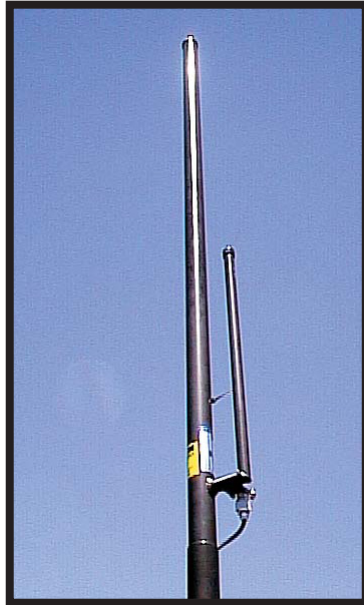
- Various Ranges Available
- No Frequency Adjustment Needed
- Requires No Ground Plane or Radials
- Integrated with the Model 7000 Standpipe



PHONE: (800) 275-2080

HIGH SIERRA ELECTRONICS, INC.

FAX: (530) 273-2089



DESCRIPTION:

The 7110 Series Omni-Directional Antenna is a 3 dB base matched 1/2 wave vertical J-pole antenna fed at the end through a quarter wave shorted transmission line. It requires no ground plane radials for effective operation.

Typical applications for the 7110 Series include the 7000 Series Standpipes, Base Stations and Repeater sites where there are existing towers. It is made of seamless aluminum tubing and includes all stainless steel hardware for years of trouble free service.

SPECIFICATIONS:

Antenna Type	Omni-Directional
Power Rating	500 Watts
Gain	3 dB
Lightning Protection	DC Ground
Connector	SO-239 Female (use PL-259 Male for connecting antenna cable)
Impedance	50 Ω Nominal
Max Rated Wind Velocity . . .	130 mph (209 kph)
Max Rated Wind Velocity with 1/2 inch Radial Ice . . .	90 mph (145 kph)
VSWR	1.5:1 or less
Finishing	Standard Bronze or (optional) White Powdered Coated
Dimensions	Including 'J', 3.6 x 2.25 x 54.13 in (9.21 x 5.72 x 137.48 cm)
Weight	1.6 lbs (0.73 kg)
Shipping Weight	5 lbs (2.3 kg)

ORDERING GUIDE:

Model 7110-00	Omni-Directional Antenna; (VHF) Tuned Frequency Range: 169 to 173 MHz
Model 7110-01	Omni-Directional Antenna; (VHF) Tuned Frequency Range: 148 to 151 MHz
Model 7110-02	Omni-Directional Antenna; (UHF) Tuned Frequency Range: 404 to 414 MHz

See www.highsierraelectronics.com for specification and ordering details.

02-7110-00(B)

Environmental Monitoring Solutions

WEB SITE: www.highsierraelectronics.com E-MAIL: sales@highsierraelectronics.com