



**PRODUCT INFORMATION SHEET**

**Component** AM Radio Antenna

**Part Number** Model AN2X

**Image**



**Description**

Our AN2X Antenna may be mounted atop a square or round pole of wood, metal or fiberglass. It can operate in conjunction with the Vertical Profile Antenna Support and Grounding System (VP.9000). It may also be building-installed on a flat roof using a ballasted stand with groundplane.

- Frequency range: 530-1710 kHz.
- Center-loaded whip. Vertically polarized.
- Omni directional (0-360).
- Anodized aluminum finish.
- Adjustable tip for precise tuning.
- Power: up 100 watts carrier (1700 kHz) with 100% modulation. Less at lower frequencies and for modulation types that exceed 100% positive.
- Radiation efficiency: 32 mV/m/km to 9.2 mV/m/km at 530 kHz & 92 mV/m/km at 1700 kHz, referenced to 1 KW.
- 20' metal support pole, flat roof or tower with 25' 32-element groundplane.
- Bandwidth (3:1 SWR): 530 kHz: 5 kHz; 1710 kHz: 10.4 kHz.
- Temperature endurance: -40°C. to 85°C.
- Wind endurance: 80 miles per hour with ¼" of ice.
- Overall assembled length: varies with frequency, i.e., 380" for 530 kHz, 240" for 1700 kHz.
- Accessories: Split-type mounts with stainless-steel hardware kit; masts, stands; lightning arrestors; enclosures, groundplanes, guying kits.
- RF exposure separation: 1-meter minimum recommended.

*All products described are subject to availability based on manufacturing capacity and shipping dates. While every effort has been made to ensure the accuracy of all information, ISS does not accept liability for any errors or omissions and reserves the right to change information as needed. These specifications may be changed without notice.*

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