

# CD-95Y

## Directional LPFM Base Station Antenna

### Specifications

- 88-108MHz continuous
- Polarization: Vertical or Horizontal
- Number of elements: 6
- VSWR: Less than 1.5:1
- Gain: 7-8dBi
- Impedance: 50 Ohm
- Elevation angle: 60-70 degrees
- Horizontal angle: 110-120 degrees
- Front to back ratio: 15dB avg.
- Boom Length: 45 inches
- Longest Element: 71 inches
- Weight:: 71b 7ozs
- Max Power: 500 watts
- Max Wind Survival: 90MPH
- Mast Required: 1 5/8—2 inches
- Connector: Integral SO-239
- Magnesium alloy/stainless steel mounting hardware included



The CD-95Y is a commercial grade directional LPFM broadcast antenna. The included vertical mounting bracket was designed specifically to avoid the negative influence of the mounting mast to the radiation pattern.

The mechanical design is commercial quality using a specially designed aluminum boom that acts as a phasing line. With no tuning or adjustments required, assembly is very easy.

Directional pattern radiates the signal in a vertical angle of approx 70 degrees and a horizontal angle of approx 120 degrees

Heavy wall tubing survives 90MPH winds

Magnesium alloy mounting brackets, stainless steel U-bolts and hardware for secure and reliable installations

No tuning required, SWR of 1.5:1 or less from 88-108MHz



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