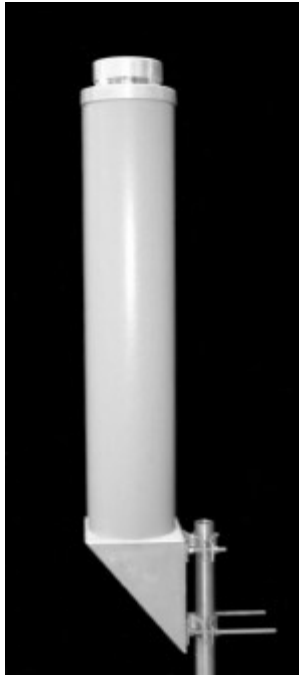




TA-2355-DAB-H

High Power Omnidirectional

2305-2360 MHz



The TA-2355-DAB-H is a high power vertically polarized omnidirectional antenna specifically designed for Digital Audio Broadcast transmission. The antenna consists of a phased corporately fed broadband dipole array which is configured to provide electrical beam downtilt and null fill. The antenna elements are at DC ground to aid in lightning protection.

Electrical Specifications

- Frequency Range:** 2305-2360 MHz
- Gain:** 10 dBi
- VSWR:** 1.4:1 max.
- Polarization:** Vertical
- Power Rating:** 2000 W avg., 8000 W peak
- H-Plane Beamwidth:** 360 degrees
- E-Plane Beamwidth:** 8 degrees
- Electrical Downtilt:** 2, 4, 6 degrees
- Cross Pol. Discrimination:** 13 dB
- Null Fill:** -20 dB (1st Null)
- Impedance:** 50 ohms nominal
- Termination:** 7/8" EIA Flange

Typical mid band values. (For details , contact factory)
Specifications subject to change without notice

Mechanical Specifications

- Length:** 64 in. (1625mm)
- Diameter:** 8 in. (1625mm)
- Weight (Incl. Clamps):** 49 lb. (22.3 kg)
- Rated Wind Velocity:** 125 mph (200 km/h)
- Hor. Thrust at rated wind:** 148 lb. (67 kg)
- Mounting (O.D.):** 1.75 - 4.0 in. (44.5 - 102mm)

Materials

- Radiating Elements:** Tin-plated copper on PCB
- Radome:** Gray UV stabilized fiberglass
- Clamps:** HDG steel

E-Plane

