

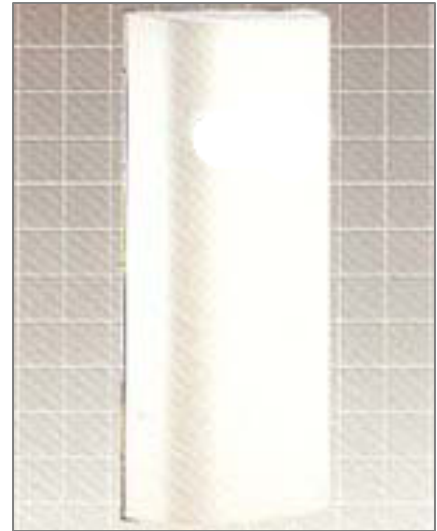


AP-806

PROFESSIONAL TV UHF BROADBAND PANEL ANTENNA

11 dB GAIN FOR ALL CHANNELS

Panel antenna LT-860 will give you an excellent extended range and 11 dB gain in 470 MHz – 860 MHz band. This antenna can be used for transmitters in TV UHF band. Antenna LT-860 has an BNC connector. Please check pdf file.



- ◆ **General:** This AP-806 horizontal panel antenna A series is designed for TV transmissions in UHF Band, each antenna is composed of eight ice protected radiating elements, a stainless steel reflector, a fiberglass radome and mounting brackets.
- ◆ **DTV ready:** The AP-806 antenna ensures total DTV compatibility and quality.
- ◆ **Antenna systems:** Stacking more panels it's possible to obtain customized pattern, increase the gain and the power handling capacity according to user requirements. Customized pattern, electrical beam tilt and null fill are available upon requests.
- ◆ **Broadband:** Suitable for channel and broadband (470-860 MHz) operations with multi-channel combiners.
- ◆ **Water, icing and moisture protection:** The internal elements are protected against water, icing and moisture ingress by a sealed fiberglass radome. The input connector is protected against rain and icing by a special housing.
- ◆ **State of the art:** Mechanical design, employing the finest material (stainless steel, non-corrosive brass, copper, virgin PTFE and fiberglass) resulting in long life service.
- ◆ **Lighting resistance:** It is guaranteed by the DC ground potential of the entire antenna.

RF DATA	
Operating Frequency:	470-860 MHz
Bandwidth	Broadband
Polarization	Horizontal
Connector	N female
Gain	11 dBd
Impedance	50 ohms
Front to back ratio	> 25 dB
Frontal wind load	58 kg
Lateral wind load	34 kg
Grounding	Via clamps
Horizontal beamwidth (at -3 dB, at mid band)	57 °
Vertical beamwidth (at -3 dB, at mid band)	29 °
Mechanicals	
Radiator material	Silver plated brass and cooper
Reflector material	Stainless steel
Radome material	Fiberglass
Clamps material	Hot-dip galvanized steel
Pole diameter	55-110 mm
Dimensions	41"x18"x9"
Weight	15.6 kg

