

UHF-Slot Television Antenna



- Frequency range 470-860MHz.
- High-gain design 13dBd-18dBd.
- Horizontal polarization suitable for high building concentration area coverage.
- Compatible mobile digital TV application.
- Omni-directional radiation field, it can be directional radiation according to requirements.
- It adopts quality electro silvering copper to reduce the high-frequency loss.
- Adopting anti-aging high-strength glass fiber reinforced plastics cover for tight seal and sheltering from rain and snow.
- To conduct zero point padding and lobe downwardness to achieve the best coverage effect.
- It occupies little space; flexible installation is suitable for spanning over the top of the tower or the side of the tower.

Electrical Specification		Mechanical Specification	
Frequency range	470-860MHz	Size(mm)	φ 250x2000~12000
Input impedance	50Ω	Total weight	57Kg(Omni-directional) 79Kg(Directional)
Input interface	7/16"; 7/8"; 1-5/8"; 3-1/8"	Wind load	750N(Wind velocity 150Km/h)
Maximum power capacity	1KW/5KW/10KW	Safety factor	2(Wind velocity 225Km/h)
VSWR(Designated frequency)	< 1.10	Material	Reflector board: Stainless steel
Polarization ways	Horizontal Polarization		Radiator: Copper
Gain	13-18dB		Inner conductor: Copper (coating silver)
Half power angle	E-map ±7 H-map ±150		Protection cover: FRP
Lightning protection	DC Ground	Installation mode	Independence/hung in side

