

470-698 MHz TV White Space Antenna

Product ID: ATA-ST047HV65-11

Electrical Specifications

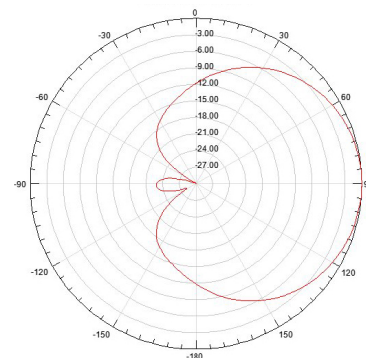
Frequency	470-698 MHz
Polarization	Horizontal & Vertical dual pol
Gain	11±0.5 dBi
VSWR	≤2.5:1
Horizontal beam-width	65°±10°
Vertical beam-width	40°±10°
Front-to-back ratio	≥18 dB
Isolation	≥25 dB
Input Impedance	50 Ω
Max power	100 W
Lightning Protection	DC Ground



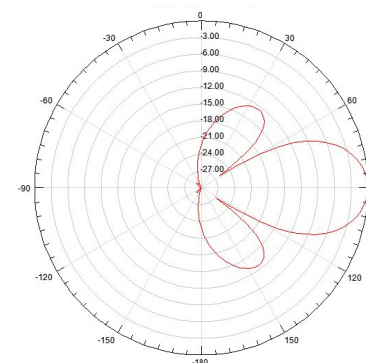
Mechanical Specifications

Connector Type	2 x N Female
Dimensions - L x W x H	950*410*130mm (37.4*16.1*5.1in)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	9.5kgs
Radome Material	UPVC
Radome Color	Gray
Mounting Pole	Φ40 - 65mm
Operating temperature	-40 °C to 60 °C
Wind velocity	210 km/h

Patterns:



Horizontal



Vertical