

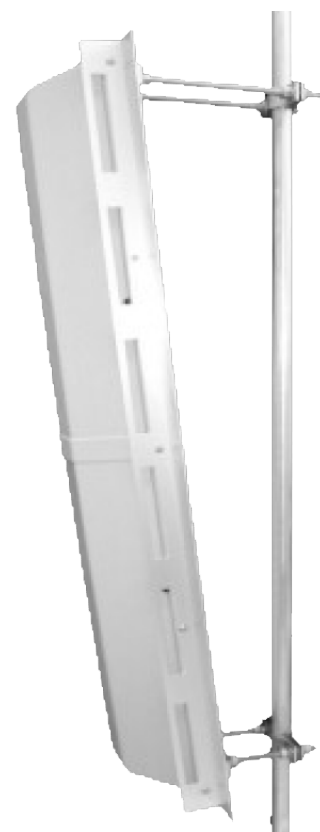


902-928 MHz Dual-Polarised Sector Panel Wireless LAN Antenna

(Model: A-TA-926VH-8-120)

Description

The A-TA-926VH-8-120 is a dual polarised 120 degree sectoral antenna. The antenna incorporates separate vertically and horizontally polarised sections which can be used separately or simultaneously dependent upon transceiver characteristics. It consists of a broadband dipole array on an aluminium base with a UV stabilised ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.



Electrical Specifications

Frequency Range	902-928 MHz
Gain	2 x 11 dBd co-polarised
VSWR	1.5:1 max.
Polarisation	Horizontal and Vertical
Azimuth Beam Width	Vpol: 120° / Hpol: 115°
Elevation Beam Width	Vpol: 10° / Hpol: 11°
Electrical Downtilt	0°
Front-to-back ratio	Vpol: 20 dB min / Hpol: 16.5 dB min.
Power	200W
Impedance	50 Ohm nominal
Port to Port Isolation	30 dB
Connector	2x N Female
Cross Pol. Discrimination	20 dB

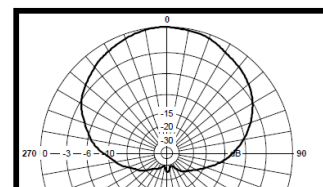
Mechanical Specifications

Weight (incl. clamps)	50 lb. (22.7 kg)
Dimensions	76 x 19.6 x 8 inch (1930 x 498 x 203 mm)
Rated Wind Velocity	125 mph (200 km/h)
Horizontal Thrust at rated wind	645 lb. (292.5 kg)
Mechanical Tilt	0 - 7.5°
Mounting (OD)	1.75 - 4.5 inches (44.5 - 102 mm)

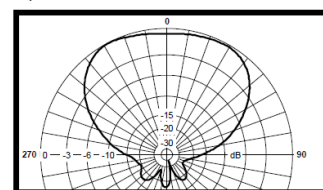
Material Specifications

Radiating Elements	Plated copper on PCB
Reflector	Iridited aluminium
Radome	Grey UV stabilised ASA
Clamps	EDZ steel

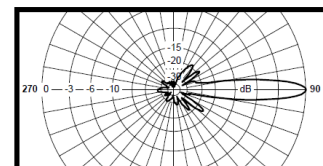
Vpol Azimuth



Hpol Azimuth



Vpol Elevation



Hpol Elevation

