

**DAWICOM s.r.o. — manufacturer of the antennas for WiFi, WiMAX and LTE**

## DSM16-V90/1-WiMAX35 (3.4-3.6 GHz band)

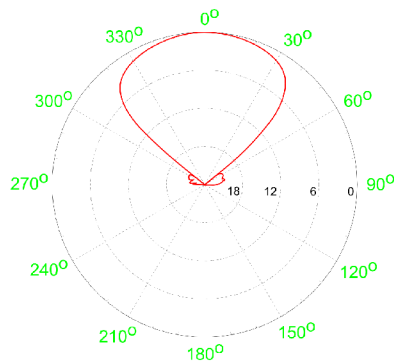
The outdoor professional 1-sector antenna with vertical polarization. Typical value of VSWR is 1.2-1.3, guaranteed value is 1.5 over all band. Its high gain is intended for using in multipoint application as a base station antenna with high efficiency.

Parameters:

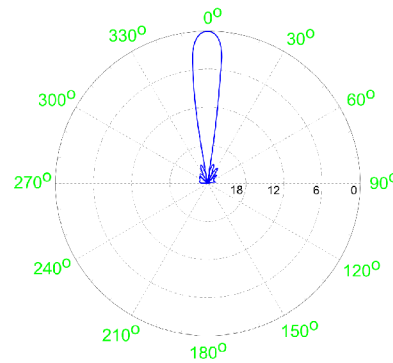
Gain: 16 dBi  
Polarization: Vertical  
Impedance: 50 Ohm  
Termination: 1 N-female  
Dimension: diameter 110 x height 550 mm  
Horizontal Beamwidth: 90° (E-plane@-6dB)  
VSWR: 1.5  
Vertical Beamwidth: 13° (V-plane@-3dB)  
Band (GHz): 3.4-3.6  
Power: max. 10 W  
Weight: 1.6 kg  
Antenna Enclosure: PVC-U (IP55 optionally)



Bottom view on the antenna



Radiation pattern in H-plane



Radiation pattern in V-plane