

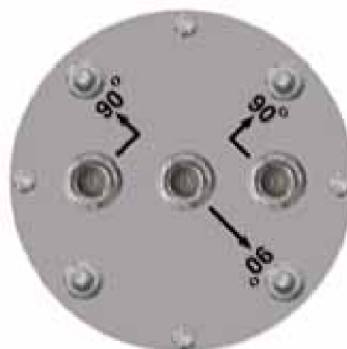
**DAWICOM s.r.o. – manufacturer of the antennas for WiFi, WiMAX and LTE**

## **DSM19-V90/3-WiMAX35** (3.4-3.6 GHz band)

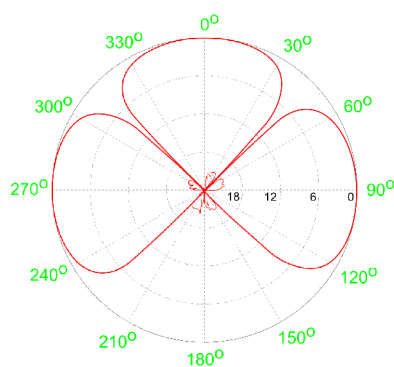
The outdoor professional high gain antenna cluster. In this cluster are 3 independent sector antennas with vertical polarization and with radiation pattern in horizontal plane  $90^\circ$  @ -6 dB. All antennas are in same enclosure. Typical value of VSWR is 1.2-1.3, guaranteed value is 1.5 over all band. The high gain of the antennas predetermines using of the cluster in multipoint application like a base station cluster with high efficiency.

Parameters:

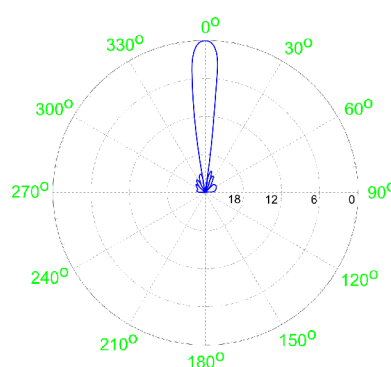
Gain: 3x19 dBi  
Polarization: Vertical  
Impedance: 3x 50 Ohm  
Termination: 3x N-female  
Dimension: diameter 110 x height 1000 mm  
Horizontal Beamwidth: 3x  $90^\circ$  (E-plane@-6dB)  
VSWR: 1.5  
Vertical Beamwidth:  $11^\circ$  (V-plane@-3dB)  
Band (GHz): 3.4-3.6  
Power: max. 10 W  
Weight: 3.0 kg  
Antenna Enclosure: PVC-U (IP55 optionally)



Bottom view on the antenna



Radiation pattern in H-plane



Radiation pattern in V-plane