

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

## DSM16-H90/3-WiMAX35 (3.4-3.6 GHz band)

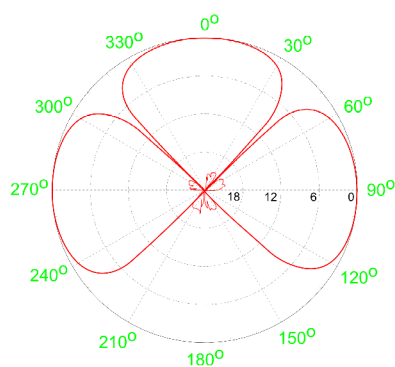
The outdoor professional antenna cluster. In this cluster are 3 independent sector antennas with horizontal polarization and with radiation pattern in horizontal plane  $90^\circ$  @ -6 dB. All antennas are in same enclosure. Typical value of VSWR is 1.2-1.3, guaranteed value is 1.5 over all band. The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

Parameters:

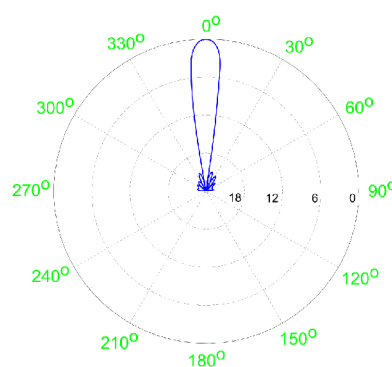
Gain: 3x16 dBi  
 Polarization: Horizontal  
 Impedance: 3x 50 Ohm  
 Termination: 3x N-female  
 Dimension: diameter 110 x height 550 mm  
 Horizontal Beamwidth: 3x  $90^\circ$  (E-plane@-6dB)  
 VSWR: 1.5  
 Vertical Beamwidth:  $13^\circ$  (V-plane@-3dB)  
 Band (GHz): 3.4-3.6  
 Power: max. 10 W  
 Weight: 2.5 kg  
 Antenna Enclosure: PVC-U (IP55 optionally)



Bottom view on the antenna



Radiation pattern in H-plane



Radiation pattern in V-plane