

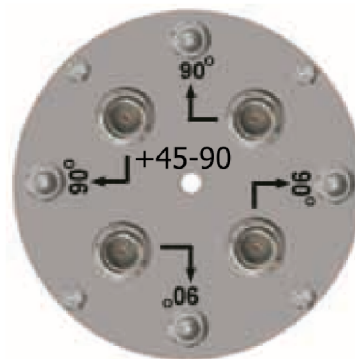
**DAWICOM s.r.o. – manufacturer of the antennas for WiFi, WiMAX and LTE**

## DSM19+45-90/4-WiMAX35 (3.4-3.6 GHz band)

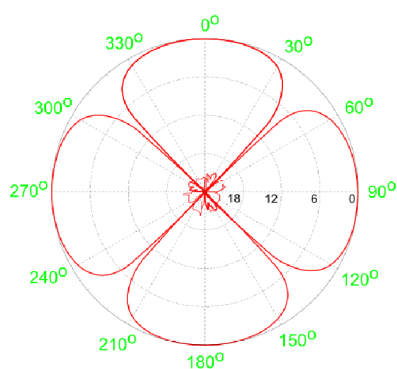
The outdoor professional high gain antenna cluster. In this cluster are 4 independent sector antennas with +45° orthogonal polarization and with radiation pattern in horizontal plane 90° @ -6 dB. All antennas are in same enclosure. Typical value of VSWR is 1.2-1.3, guaranteed value is 1.5 over all band. The high gain of the antennas predetermines using of the cluster in multipoint application like a base station cluster with high efficiency.

Parameters:

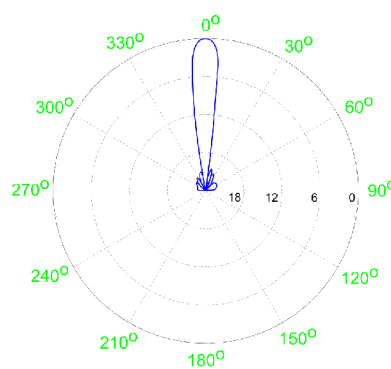
Gain: 4x19 dBi  
 Polarization: +45° orthogonal  
 Impedance: 4x 50 Ohm  
 Termination: 4x N-female  
 Dimension: diameter 110 x height 1000 mm  
 Horizontal Beamwidth: 4x 90° (E-plane@-6dB)  
 VSWR: 1.5  
 Vertical Beamwidth: 11° (V-plane@-3dB)  
 Band (GHz): 3.4-3.6  
 Power: max. 10 W  
 Weight: 3.4 kg  
 Antenna Enclosure: PVC-U (IP55 optionally)



Bottom view on the antenna



Radiation pattern in H-plane



Radiation pattern in V-plane