

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

DSM19-H90/3-WiMAX35 (3.4-3.6 GHz band)

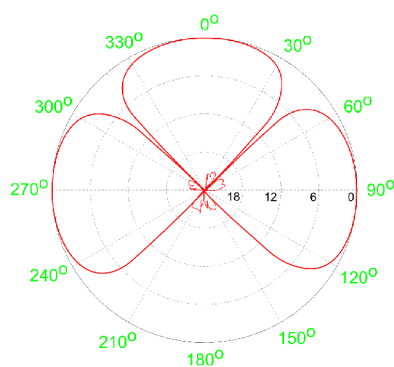
The outdoor professional high gain antenna cluster. In this cluster are 3 independent sector antennas with horizontal polarization and with radiation pattern in horizontal plane 90° @ -6 dB. All antennas are in same enclosure. Typical value of VSWR is 1.2-1.3, guaranteed value is 1.5 over all band. The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

Parameters:

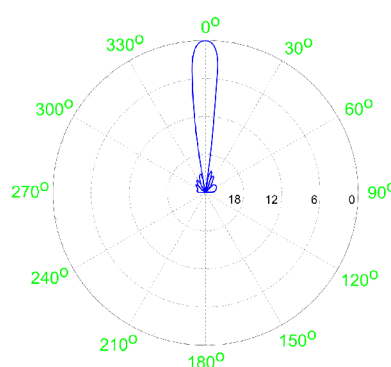
Gain: 3x19 dBi
 Polarization: Horizontal
 Impedance: 3x 50 Ohm
 Termination: 3x N-female
 Dimension: diameter 110 x height 1000 mm
 Horizontal Beamwidth: 3x 90° (E-plane@-6dB)
 VSWR: 1.5
 Vertical Beamwidth: 11° (V-plane@-3dB)
 Band (GHz): 3.4-3.6
 Power: max. 10 W
 Weight: 3.0 kg
 Antenna Enclosure: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



Bottom view on the antenna



Radiation pattern in H-plane



Radiation pattern in V-plane