

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

DSM16-45-180/1-WiMAX35 (3.4-3.6 GHz band)

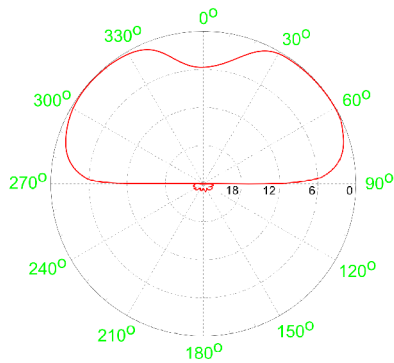
The outdoor professional high gain 1-sector antenna with -45° orthogonal polarization. Typical value of VSWR is 1.2-1.3, guaranteed value is 1.5 over all band. Its very high gain is intended for using in multipoint application as a base station antenna with high efficiency.

Parameters:

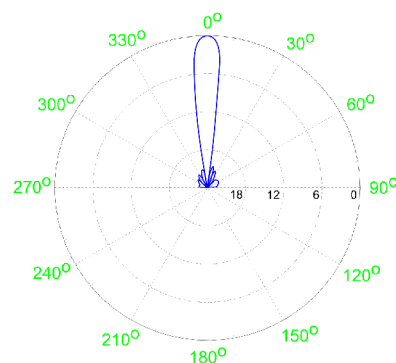
Gain: 16 dBi
Polarization: -45° orthogonal
Impedance: 50 Ohm
Termination: 1 N-female
Dimension: diameter 110 x height 1000 mm
Horizontal Beamwidth: 180° (E-plane@-6dB)
VSWR: 1.5
Vertical Beamwidth: 11° (V-plane@-3dB)
Band (GHz): 3.4-3.6
Power: max. 10 W
Weight: 2.7 kg
Antenna Enclosure: PVC-U (IP55 optionally)



Bottom view on the antenna



Radiation pattern in H-plane



Radiation pattern in V-plane