



DECT 1880-1900 MHz Subscribers' antennas SU-12D, SU-12D(M), SU-15D, SU-15D(M)

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SU-12D (wall mount.)



SU-15D (mast mount.)



SU-12D(M)



SU-15D(M)



SU-12D(M)Underside



Electrical specifications

Model	SU-12D/SU-12D(M)	SU-15D/SU-15D(M)
Operating frequency band, MHz	1880-1900	1880-1900
Gain, dBi	12	15
VSWR, not more than	1.5	1,5
Front-to-back ratio, dB	20	25
Polarization	vertical	vertical
Max. power input, W	10	10

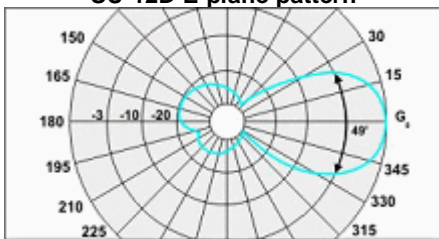
Sector in H-plane (-3 dB)	29°	30°
Sector in E-plane (-3 dB)	49°	32°
Impedance, Ohm	50	50

Mechanical specifications

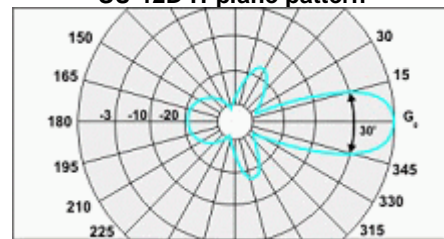
Model	SU-12D	SU-12D(M)	SU-15D	SU-15D(M)
Dimensions (LxWxH), mm	284x95x164	284x95x164	294x103x294	294x103x294
Weight, kg	0.8	0.8	1.2	1.2
Rated wind velocity, m/s	55	55	55	55
Radiator	copper	copper	copper	copper
Radome			grey, ABS	
Mounting	On a wall or on a mast with "Norma", CP-55D, CP-115, CP-220			
Connector	N-female on a cable	N-female	N-female on a cable	N-female

The subscribers' antennas SU-12D and SU-15D are assigned for the street application at constructing the DECT networks. Due to their construction (the antenna's array consists of passive and active "patch" elements) these antennas possess an increased gain and provide a reliable communication facilities for any distant subscriber. The antennas have a cable output what is very convenient for the encapsulating of the connector and for antenna mounting both on the pipe and on the wall of the building. For connecting the antenna to the base station or to the DECT-repeater we suggest you to use the feeders and the jumpers of our production which are specially designed for the energy transmission with the minimum losses.

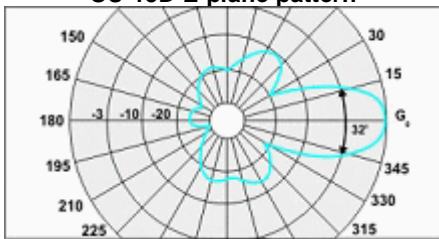
SU-12D E-plane pattern



SU-12D H-plane pattern



SU-15D E-plane pattern



SU-15D H-plane pattern

