



## 3400-3600 MHz Subscribers' antennas SU-12X, SU-15X, SU-18X

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SU-12X



SU-15X



SU-18X



### Electrical specifications

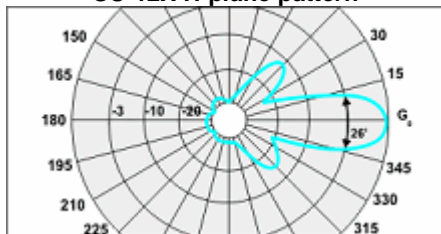
Model	SU-12X	SU-15X	SU-18X
Operating frequency band, MHz	3400-3600	3400-3600	3400-3600
Gain, dBi	12	15	18
VSWR, not more than	1.5	1.5	1.5
Front-to-back ratio, dB	26	27	28
Polarization	vertical	vertical	vertical
Max. power input, W	10	10	10
Sector in H-plane (-3 dB)	26°	12°	6°
Sector in E-plane (-3 dB)	70°	70°	70°
Impedance, Ohm	50	50	50

### Mechanical specifications

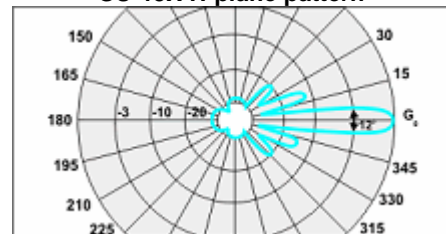
Model	SU-12X	SU-15X	SU-18X
Dimensions (LxWxH), mm	300x65x195	520x60x200	740x60x200
Weight, kg	0.54	1.1	1.5
Rated wind velocity, m/s	55	55	43
Radiator	PCB	PCB	PCB
Radome	grey, ABS	grey, ABS	grey, ABS
Mounting	On a wall or on a mast with "Norma", CP-55D, CP-1150, CP-220		
Connector	N-female on a cable		

As subscribers' antennas for the frequency values 3.4-3.6 GHz we propose the models SU-12X with the gain of 12 dBi, SU-15X with the gain of 15 dBi, SU-18X with the gain of 18 dBi. The antennas are implemented similarly to the models for the DECT and WLAN ranges. They possess a convenient cable output, can be mounted both on a mast and on a flat surface and have an all-weather types performance. All the subscribers' antennas have a narrow radiation pattern in H-plane and rather a wide radiation pattern in E-plane (70° by the level -3 dB). The cable output is implemented on the high-quality cable of Huber-Suhner production and on a connector of Rosenberger production what ensures a stability of the characteristics.

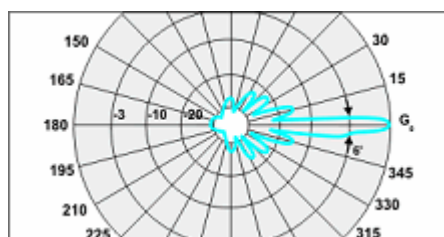
**SU-12X H-plane pattern**



**SU-15X H-plane pattern**



**SU-18X H-plane pattern**



**SU-12X, SU-15X, SU-18X E-plane pattern**

