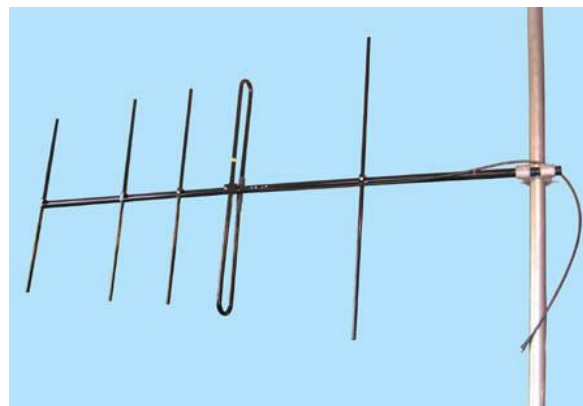




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118-136 Directional antenna Y5 AVIA



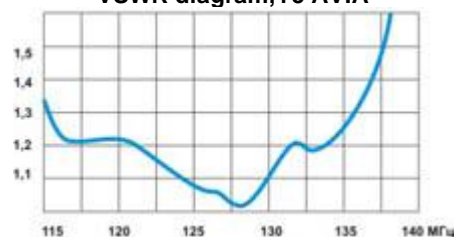
Electrical specifications

Model	Y5 AVIA
Operating frequency band, MHz	118-136
VSWR, not more than	1.5
Gain, dBi	10.15
Sector , -3dB in vertical plane	60 ⁰
in horizontal plane	90 ⁰
Impedance, Ohm	50
Max. power input, W	200

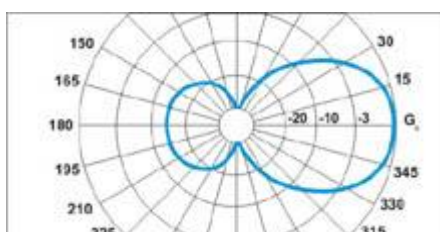
Mechanical specifications

Model	Y5 AVIA
Weight, kg	4.2
Size, mm	2450x1280x110
Construction material	Aluminium alloy
Mast diameter, mm	38-65
Rated wind velocity, m/s	45
Wind loading area, m ²	0.135
Load of side wind 45 m/s, H	150
Rated wind velocity with 0.5" icing, m/s	28
Temperature range, °C	from -50 to +50
Connector	N-female

VSWR diagram, Y5 AVIA



Y5 AVIA E-plane pattern



Y5 AVIA H-plane pattern

