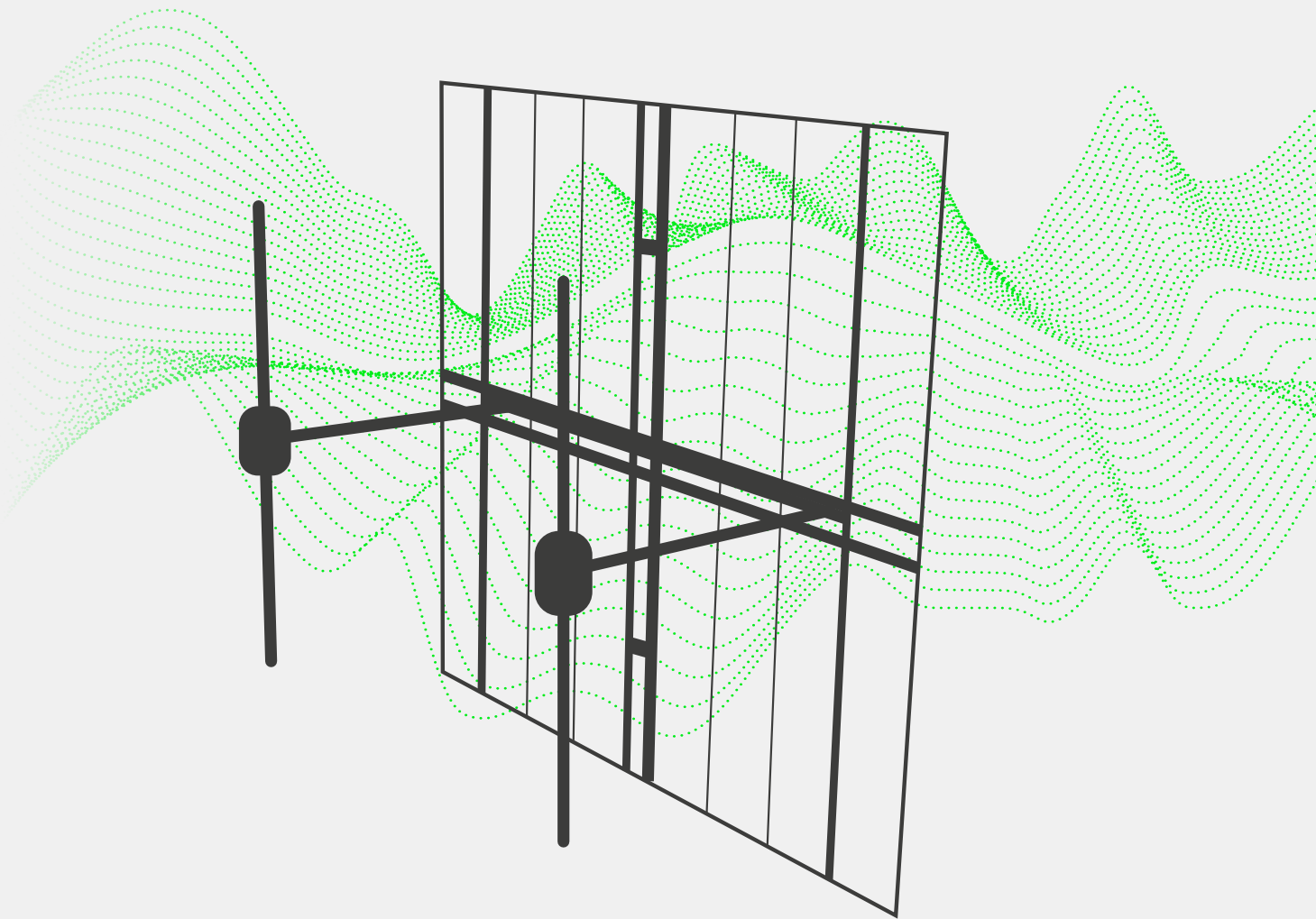


RFE

MAKING  
BROADCAST  
SMARTER

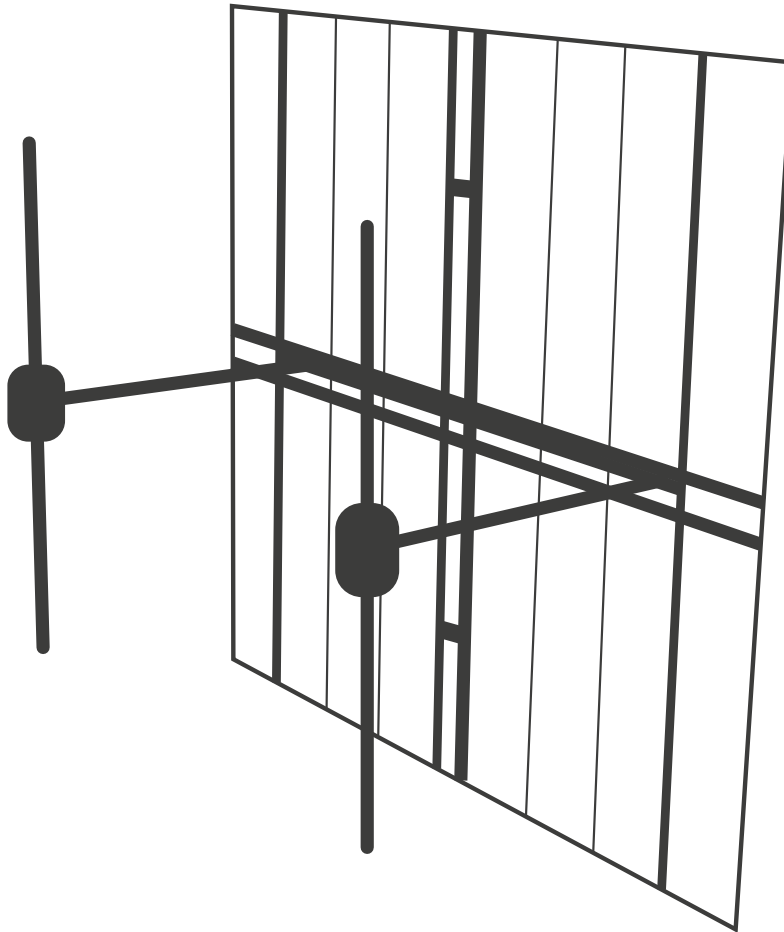
# Panel antenna 2H-V

ANTENNA SYSTEMS





## FM Antenna 2H-V



### PRODUCT DESCRIPTION

2H-V is a double dipole panel antenna, with linear polarization and directional pattern. Ideal for high power broadcast application, it is pressurizable and suitable for military standards.

### MAIN FEATURES

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- 87,5-108 MHz Broadband.
- Suitable for directional stacked array
- Robust construction in stainless steel
- Detachable for easy packing and shipping
- Linear polarization
- Double dipole panel
- High gain, directional
- Pressurizable
- Mil standards





**ELECTRICAL  
DATA**

<b>Frequency Range</b>	87.5÷108 MHz
<b>Gain [Max ÷ Average]</b>	7.5 dBd
<b>VSWR</b>	≤1.15 Broadband
<b>Half Power Beam Width</b>	E plane ±34° H plane ±30°
<b>Polarization</b>	Vertical
<b>Connector</b>	DIN 7/16" – EIA 7/8"
<b>Max Power Rating</b>	3 kW 7/16" – 5 kW 7/8"
<b>Input Impedance</b>	50 Ω
<b>Lighting Protection</b>	DC Grounded

**MECHANICAL  
DATA**

<b>Size [A x B x C]</b>	2200 x 2200 x 991mm
<b>Weight</b>	67 Kg
<b>Wind Load</b>	1.1 kN @ 150 Km/h
<b>Max Wind Speed</b>	Front 220 Km/h – Side 220 Km/h
<b>Materials</b>	Stainless steel, hot dip galvanized steel. Silver cooper, PTFE.
<b>Wind surface</b>	0.77 mq
<b>Treatments</b>	Military standard treated dipole (MIL-C-5541). Silver plated line. Hot galvanized brackets
<b>Icing protection</b>	Pressurizable dipole

**NOTE: RADIATION PATTERN, GAIN, F/B AND HALF POWER BEAM WIDTH ANALYZED WITH TOWER INFLUENCE**

