



6340 Sky Creek Drive
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JL-SS Super Slot Low Power TV Antenna Solution

Ideal for DTV, DVB-T/H, NTSC Drop In's and Gap Fillers

Long time TV manufacturer, Jampro Antennas, Inc., introduces the enhanced, next generation, low power slot antenna for DTV Bands IV and V (470 to 860 MHz)

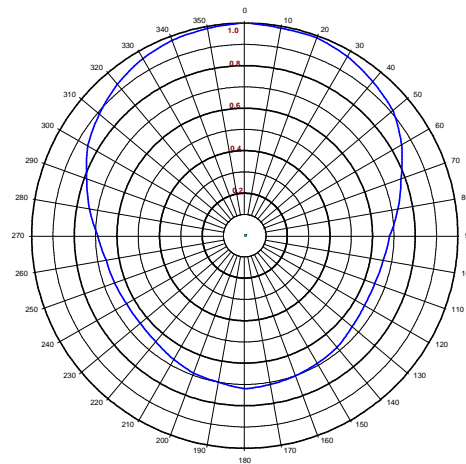
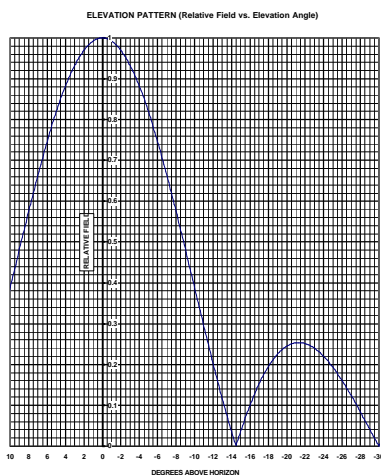
Low purchase price coupled with outstanding performance allows stations a non-compromise performance antenna that meets the critical coverage needs of DTV, DVB-T/H and gap fillers

This Jampro series is a group of horizontally polarized UHF antennas developed to handle up to 0.70 kW DTV / DVB-T/H (average) or 1.0 kW analog (NTSC) input power while providing ERP levels up to 7.04 kW Peak. This product family was designed to be low weight and wind load so it can be used on many stations' existing analog towers with little or no structural changes. Installation can be side or optional top mount

The JL-SS's outstanding bandwidth, stations are able to use the antenna right out of the box. Standard EIA input fittings assure fast, rugged and simple installation. The standard Omni azimuth pattern is provided. A standard 4 bay configurations offers a gain of 7.79 times / 8.91 dBd.



Typical Patterns:



4 Bay Elevation

Omni Azimuth



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Jampro JL-SS Super Slot Antenna Specifications

Specifications (Diameter ~ 3.5") Power Level: 1kW, peak (0.7 kW average):

	Height** Ft.	Weight* Lbs.	Wind load** Lbs	Gain Omni
4 Slot: 14-69	9 to 6	65 to 38	75 to 112.5	7.79 x 8.91 dBd

Electrical Specifications

Frequency Range **Bands IV/V (470-860 MHz.)**

Operating Frequency **Specify channel in this range**

VSWR **1.10:1 or better**

Input Impedance / Type 50 Ohms / EIA Flange: 7/8" female

Construction **Thick wall aluminum tube, pure fiberglass overall radome and hot dipped, galvanized mounting bracket for up to 3" OD round member. Optional Far Field, Full Scale Pattern Measurement Service allows observing 'real world' conditions. This service provides from 5 to 10 measured variations of the Free Space pattern on a full size duplication of your tower to help determine the optimum mounting arrangement when coverage planning is critical.**

*Omni Pattern #1 standard. **Weight and Wind loads include power divider, inner bay coax and standard mounting brackets for up to 3" OD tower leg, side mounting. Optional top mount available. Weights and wind loads vary with frequency and are based on 50/33 PSF at 110 MPH. Dimensions may vary with frequency, CH26 shown. Jampro pattern # 33 shown. Specifications are subject to change without notice.