



BROADBAND SIDEMOUNT UHF SLOT ANTENNA

The True and Tested Prostar slot antenna available in Broadband for combined Analog & Digital Applications, single frequency networks (SFN) and mobile media antenna systems..

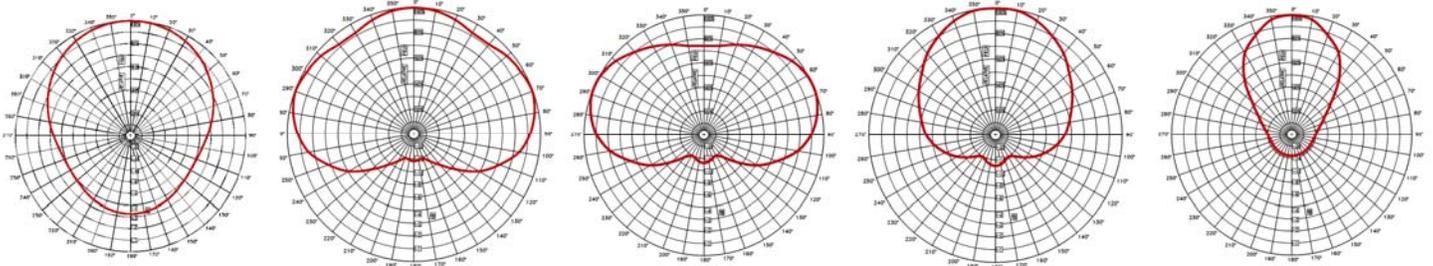
Eliminates the need for multiple antennas and provides a single, compact solution that conserves tower space and minimizes tower loading.

- **Broadband typical 100-120 MHz**
*In excess of 200 MHz available
- **Circular, Elliptical, Horizontal Polarization available**
- **Full & partial radome for low windloading**
- **Omni & Standard Azimuth Patterns**
- **Ideal for Multi-Channel operation, Auxiliary System, etc.**
- **Rugged construction**
Ideal for Harsh environments
- **Constructed of marine brass, copper, aluminum and virgin Teflon**



TYPICAL SPECIFICATIONS

Polarization	CPOL, EPOL, HPOL
Power Rating	5 to 70 kW
Input Impedance	50 ohm
VSWR	1.1:1 or better



TYPICAL SPECIFICATIONS								
# BAYS	Omni	Cardioid	Peanut	Medium-Cardioid	Lobe	Height	Weight	Windloads
12	*12.0x	19.6x	22.9x	30.6x	52.9x	Contact Factory		
	*10.8 dBd 21.49x 13.32 dBd	12.9 dBd	13.6 dBd	14.8 dBd	17.24 dBd			
16	*16.0x	26.2x	30.5x	40.8x	70.5x			
	*12.0 dBd 28.2x 14.5 dBd	14.1 dBd	14.18 dBd	16.1 dBd	18.48 dBd			
24	*24.0x	39.3x	45.8x	61.2x	105.8x			
	*13.8 dBd 42.86x 16.32 dBd	15.9 dBd	16.6 dBd	17.8 dBd	20.2 dBd			
32	*32.0x	52.4x	61.1x	81.6x	141.1x			
	*15.05 dBd 54.28x 17.35 dBd	17.1 dBd	17.8 dBd	19.1 dBd	21.4 dBd			

*Value provides average/RMS gain; All other stated gains are Peak gains. Gains do not include losses for feed system , beam tilt, or null full.

NOTE:

1. Loading data are for side mount antennas.
2. All inputs EIA flange, female, 50 ohms
3. Partial Radome standard, Full Radome available. Specifications upon request
4. Power and dB gains are typical RMS gains for Omni-directional, horizontal and vertical components.

OPTIONS:

Pattern Measurement Service, Electrical Beam Tilt, Null Fill, Special Mounting Brackets.

Since many factors contribute to a station's compliance with the FCC exposure guidelines for radio frequency radiation, JAMPRO ANTENNAS, INC. cannot accept any responsibility in this matter. The station must examine and determine its status based on each individual situation. For reduced low angle radiation near the tower, a low RFR model of this antenna is available. Contact the factory for pricing data and further details.

*All specifications are subject to change without notice.