

## PROSTAR SERIES BROADBAND UHF SLOT ANTENNA

The True and Tested Prostar slot antenna available in Broadband for combined Analog & Digital applications.

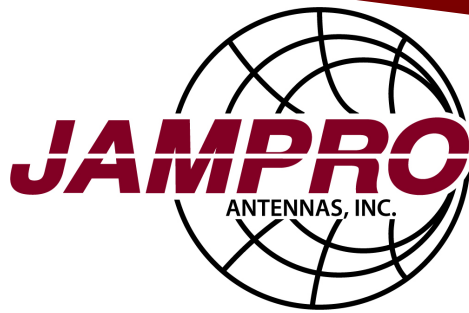
Eliminates the need for multiple antennas and provides a single, compact solution that conserves tower space and minimizes tower loading.

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

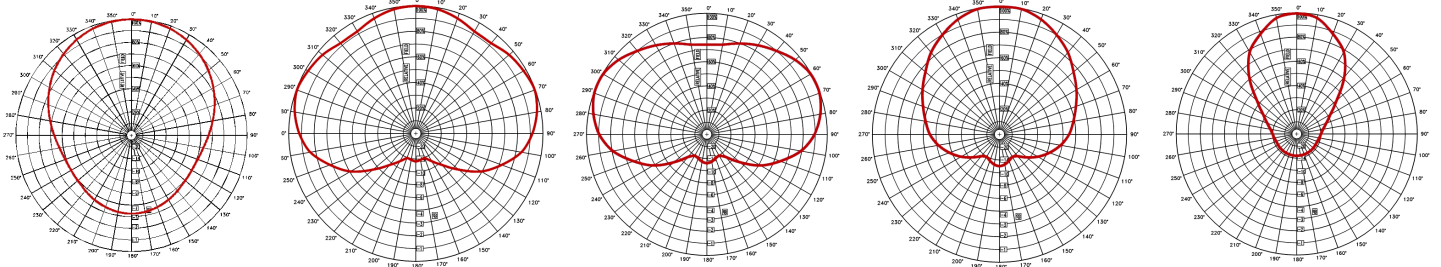


### TYPICAL SPECIFICATIONS

Polarization	HPOL, CPOL, EPOL
Power Rating	Up to 80 kW average
Input Impedance	50 ohm
VSWR	1.1:1 or better



# JA-MS-BB



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