



## **BROADBAND UHF SLOT ANTENNA Prostar Series**

**THE TRUE & TESTED Prostar Series UHF  
Slot Antenna now available in broadband  
for Analog & Digital applications.**

Over 50 years of antenna design and manufacturing experience and over 30 years of producing proven, high performance UHF slot antennas for low, medium and high power TV applications. Eliminates the need for multiple antennas and provides a single, compact solution that conserves tower space and minimizes wind load.

- Multi-channel/combined channel operation for Analog/Analog  
Analog/Digital  
Digital/Digital
- Standard and Custom Patterns
- Beam Tilt & Null Fill available
- Factory tuned - no field tuning required
- Rugged Construction





**Electrical Specifications**

Polarization                      Horizontal, Circular, Elliptical  
Power rating (typical)        2-10kw avg  
Input impedance                50 ohm  
VSWR                                1.1:1 or better over sub-band

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**Mechanical Specifications**

**12-bay**

<b>Sub-Band</b>	<b>Length</b>	<b>Weight</b>	<b>Windload</b>
	<b>MHz</b>	<b>inches (cm)</b>	<b>lbs (kg)</b>
Sub-band A)	470-530	284 721	370 (170)
Sub-band B)	530-580	255 648	340 (155)
Sub-band C)	580-630	234 594	320 (145)
Sub-band D)	630-680	217 551	300 (135)
Sub-band E)	680-735	200 508	285 (130)
Sub-band F)	735-785	187 475	270 (120)
Sub-band G)	785-835	175 445	260 (120)
Sub-band H)	835-890	164 417	250 (115)

**16-bay**

<b>Sub-Band</b>	<b>Length</b>	<b>Weight</b>	<b>Windload</b>
	<b>MHz</b>	<b>inches (cm)</b>	<b>lbs (kg)</b>
Sub-band A)	470-530	378 960	465 (210)
Sub-band B)	530-580	340 864	425 (195)
Sub-band C)	580-630	312 792	400 (180)
Sub-band D)	630-680	289 734	375 (170)
Sub-band E)	680-735	267 678	350 (160)
Sub-band F)	735-785	249 632	335 (150)
Sub-band G)	785-835	233 592	320 (145)
Sub-band H)	835-890	219 556	305 (140)

NOTE: Loading data are for side mount antennas. All specifications and measurements are estimated values and are subject to change without notice.