

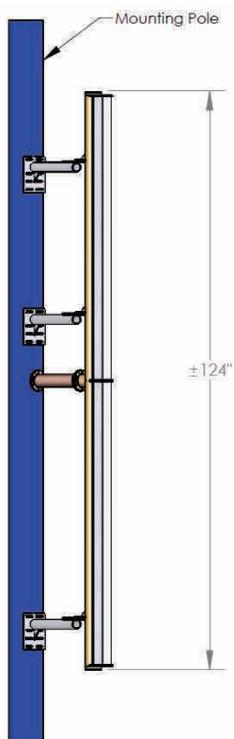
ADB-MS-BB

Prostar Series Broadband UHF Slot Antenna



Product Description

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 wind loading.



TYPICAL SPECIFICATIONS

Polarization	HPOL, CPOL, EPOL
Power Rating	2-10 kW average
Input Impedance	50 ohm
VSWR	1.1:1 or better over sub-band

Alan Dick Broadcast Ltd

Design, supply & manufacture communication infrastructure systems on a global scale by offering products and services for Wireless networks.

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12 Bay	Sub-Band	Mechanical Specifications						
		MHz	Length		Weight		Windload	
			Inches	(cm)	Lbs	(kg)	Lbs	(kg)
	Sub-band A)	470-530	284	(721)	370	(170)	500	(225)
	Sub-band B)	530-580	255	(648)	340	(155)	440	(200)
	Sub-band C)	580-630	234	(594)	320	(145)	400	(180)
	Sub-band D)	630-735	217	(551)	300	(135)	365	(165)
	Sub-band E)	680-735	200	(508)	285	(130)	335	(150)
	Sub-band F)	735-785	187	(475)	270	(120)	310	(140)
	Sub-band G)	785-835	175	(445)	260	(120)	290	(130)
	Sub-band H)	835-890	164	(417)	250	(115)	275	(125)
16 Bay								
	Sub-band A)	470-530	378	(960)	465	(210)	715	(325)
	Sub-band B)	530-580	340	(864)	425	(195)	625	(285)
	Sub-band C)	580-630	312	(792)	400	(180)	560	(265)
	Sub-band D)	630-680	289	(734)	375	(170)	510	(230)
	Sub-band E)	680-735	267	(678)	350	(160)	465	(210)
	Sub-band F)	735-785	249	(632)	335	(150)	430	(195)
	Sub-band G)	785-835	233	(592)	320	(145)	395	(180)
	Sub-band H)	835-890	219	(556)	305	(140)	370	(170)

NOTE:

1. Loading data are for side mount antennas.
2. All inputs EIA flange, female, 50 ohms
3. Radomes optional. Specifications upon request
4. Power and dB gains are typical RMS gains for omnidirectional, horizontal and vertical components.

OPTIONS:

FCC Directionalization, 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, Alan Dick Broadcast, Ltd. 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.

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