

ADB-LLP

LOW POWER PENETRATOR



Product Description

The ADB-LLP antenna has been designed to meet the needs of low power and educational stations that require excellent performance on a low budget. This antenna uses the same basic design as the Penetrator series of side-mount antennas, which set the industry standard for FM antennas. By using an external and non-pressurized feed system, manufacturing costs are kept to a minimum. Each bay is fed with flexible cable. Configurations with two or more bays are fed through a power divider and cable system that has a 7/8" EIA flange input (female). The antenna elements are constructed of high strength marine brass.

- **Power rating 4kW maximum**
- **Outstanding VSWR without field tuning**
- **Available for 88-108 MHz**
- **Electrical deicers available**
- **VSWR 1.1:1 +/- 150 kHz**



TYPICAL SPECIFICATIONS					
# of Bays	Power Gain	Gain (dB)	Input Power	Net Weight (lbs.)	Windload (lbs)
1	0.475	-3.23	1 kW	14	36
2	0.955	-0.2	2 kW	34	82
3	1.5	1.76	3 kW	50	114
4	2.05	3.12	4 kW	64	146

*Values provided average/RMS gains; All other stated gains are Peak gains. Gains do not include losses for feed system beam tilt or null fill.

Non-ionizing Radiation

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.

*All specifications are subject to change without notice.

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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