



**JLLP LOW POWER
 FM ANTENNA**

The JAMPRO JLLP 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 JAMPRO 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 which has a 7/8" EIA flange input (female). The antenna elements are constructed of high strength marine brass. The JLLP antenna is easily assembled by the customer, thus keeping costs even lower.



| # of Bays | Gain (Power) | Gain (dB) | Safe Power Rating (KW) | Net Weight (lbs.) | Windload (lbs.) |
|-----------|--------------|-----------|------------------------|-------------------|-----------------|
| 1 | .475 | -3.23 | 1 | 14 | 36 |
| 2 | 1.0 | 0.0 | 2 | 34 | 82 |
| 3 | 1.5 | 1.76 | 3 | 50 | 114 |
| 4 | 2.1 | 3.22 | 4 | 64 | 146 |

Mechanical Data

| # of Bays | Frequency (MHz) | Element Spacing (ft.) | Antenna Height (ft.) |
|-----------|-----------------|-----------------------|----------------------|
| 1 | 88 | single bay | single bay |
| | 98 | | |
| | 108 | | |
| 2 | 88 | 11.1 | 11.1 |
| | 98 | 10 | 10 |
| | 108 | 9.1 | 9.1 |
| 3 | 88 | 11.1 | 22.2 |
| | 98 | 10 | 20 |
| | 108 | 9.1 | 18.2 |
| 4 | 88 | 11.1 | 33.3 |
| | 98 | 10 | 30 |
| | 108 | 9.1 | 27.3 |

All specifications subject to change without notice.