



## JLCP LOW POWER ANTENNA

The JAMPRO JLCP is a low power antenna designed specifically for Omni-Directional low power applications such as LPFM, Translator and Booster stations. The simplicity of the JLCP helix design gives low power stations the flexibility needed to meet their individual requirements. It offers Stainless Steel Construction. A stacking harness is included when multiple bay arrays are ordered. The JLCP is field tunable from 88 to 108 MHz. The antenna features: VSWR 1.5:1 or better. Standard 500 watt input rating with 1kW & 2 kW available. Provided for 2" OD pole mount. Optional special brackets available, contact factory.



\*All specifications are subject to change without notice.

**Stainless steel construction**

**500 Watts input power option 1 & 2 kW**

**Circularly polarized**

**Low maintenance**

**Easy to install**

**Field tunable**

**VSWR: 1.5:1 or better**

# of Bays	Gain (Times)	Gain (dB)	Input Size 500 Watts	Input Size 1000 Watts	Input Size 2000 Watts	Net Weight (lbs.)	Wind load (lbs)
1	0.46	-3.37	Type "N"	7-16 DIN	Not Available	Contact Factory	
2	0.955	-0.02	Type "N"	7/8" EIA	7/8" EIA		
3	1.5	1.76	Not Available	7/8" EIA	7/8" EIA		
4	2.05	3.12	Type "N"	7/8" EIA	7/8" EIA		
5	2.55	4.06	Not Available	7/8" EIA	7/8" EIA		
6	3.07	4.87	Not Available	7/8" EIA	7/8" EIA		
8	4.1	6.12	Not Available	7/8" EIA	7/8" EIA		



## **FM ANTENNA SPECIFICATIONS**

**JLCP-1**

ANTENNA DESCRIPTION: Circularly Polarized Low Power FM Sidemount Antenna  
\*Field Tunable

MODEL NUMBER: JLCP-1

### **ELECTRICAL SPECIFICATIONS**

Est. power gain: .46x / -3.37 dBd  
Array Configuration: 1 Bay  
Electrical beam tilt: 0°  
Null fill: 0%  
Antenna VSWR: 1.5:1 ± 150 kHz.  
Max Input power: 500 Watts  
Antenna input impedance: 50 ohm  
Antenna input connector size, EIA: Type "N" Connector

**NOTE:** THESE SPECIFICATIONS ARE PREDICTIONS BASED ON AVAILABLE DATA. THE ACTUAL PERFORMANCE MAY DIFFER FROM THESE DUE TO THE ELECTRICAL, MECHANICAL AND MEASURED LIMITATIONS AT YOUR FREQUENCIES.



## **FM ANTENNA SPECIFICATIONS**

**JLCP-2**

ANTENNA DESCRIPTION: Circularly Polarized Low Power FM Sidemount Antenna  
\*Field Tunable

MODEL NUMBER: JLCP-2

### **ELECTRICAL SPECIFICATIONS**

Est. power gain: .955x / -0.20 dBd

Array Configuration: 2 Bays

Electrical beam tilt: 0°

Null fill: 0%

Antenna VSWR: 1.5:1 +/- 150 kHz.

Max Input power: 500 Watts

Antenna input impedance: 50 ohm

Antenna input connector size, EIA: Type "N" Connector

**NOTE:** THESE SPECIFICATIONS ARE PREDICTIONS BASED ON AVAILABLE DATA. THE ACTUAL PERFORMANCE MAY DIFFER FROM THESE DUE TO THE ELECTRICAL, MECHANICAL AND MEASURED LIMITATIONS AT YOUR FREQUENCIES.