



J3YF

J3YF 3 ELEMENT FM YAGI ANTENNA

JAMPRO Yagi 3 Element Antenna Hot-Dip Galvanized Steel Directional Radiation Pattern

Suitable for Medium and High Power FM Stacked Array

ELECTRICAL FEATURES

Band:	87.5 – 108 MHz
Bandwidth:	FM Band
Average Gain:	4.5 dBd (6.65 dBi)
VSWR:	< 1.3:1
Polarization:	Vertical (Horizontal upon Request)
Max Power:	5000 W (Single Carrier)
Connector:	7/8" EIA
Dimensions:	54"x68"x3" / 133x173x8 cm
Net weight:	26.5 lbs/12 kg



MECHANICAL FEATURES

Materials: Body and Bracket hot dip galvanized steel, Stainless steel hardware, Teflon isolators, silicone O-Rings

Mounting:

The antenna is supplied with pipe mounting for both horizontal and vertical polarization.

Standard option for pole

Ø 3.5" to 4.5" / 90 to 114mm

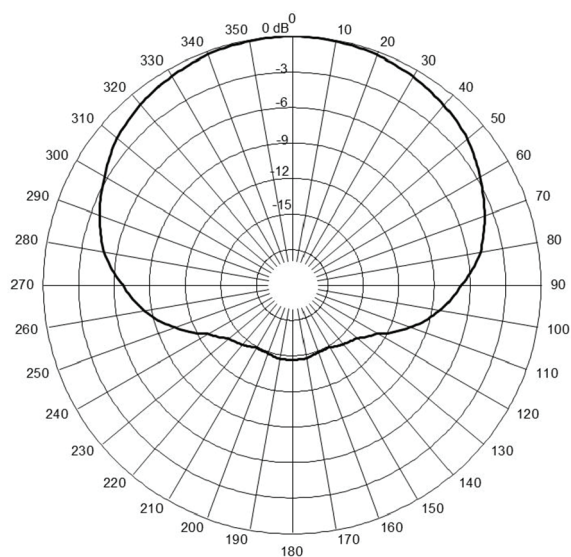
Also available on request option for pole

Ø 2.36" to 2.99" / 60 to 76mm

Mounting Brackets: Included

Distance Between Antennas: 2.5m - 3m / 8.25 ft - 9.84 ft

These directional antennas can be used in vertical or horizontal polarization to set up systems having directional, semi-directional and Omni directional diagrams.



All specifications subject to change without notice



ANTENNA SPECIFICATIONS

J3YF-2

ANTENNA TYPE: J3YF-2

ANTENNA DESCRIPTION: JAMPRO 3 FM Yagi antenna system

Includes:
J3YF FM Yagi antenna, 2 each
Power splitter, 2-way
Feed cables, 2 each
Standard mounting brackets

ELECTRICAL SPECIFICATIONS

Est. power gain: 6.98 dBd

Array Configuration: 2 Levels

Electrical beam tilt: -0°

Null fill: 0%

Antenna VSWR: $\leq 1.3:1$

Max. Input Power Rating: 5 kW

Antenna input impedance: 50 ohm

Antenna input connector size: 7/8" EIA

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.