

SP-13076

FM LOG-PERIODIC ANTENNA

7 dBd gain
88–108 MHz

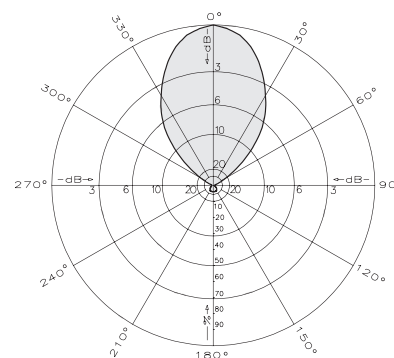
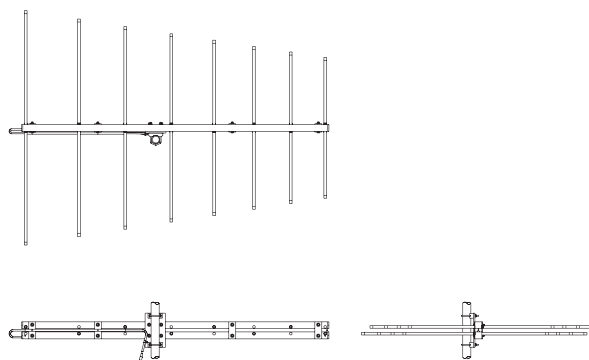
Specifications:

Frequency range	88–108 MHz (broadband)
Gain	7 dBd
Impedance	50 ohms
VSWR	< 1.5:1
Polarization	Horizontal
Front-to-back ratio	>25 dB
Maximum input power	1000 watts
Azimuth pattern	52 degrees (half-power) horizontal polarization
Elevation pattern	78 degrees (half-power) horizontal polarization
Connector	7/16 DIN female
Weight	30 lb (13.6 kg)
Dimensions	104 x 67.9 inches (2642 x 1724 mm)
Equivalent flat plate area	5.31 ft ² (0.494 m ²)
Wind survival rating*	120 mph (200 kph)
Shipping dimensions	116 x 14.5 x 6 inches (2946 x 369 x 153 mm)
Shipping weight	83 lb (37.7 kg)
Mounting	Center-mount for masts of 2.375 inches(60 mm) OD.

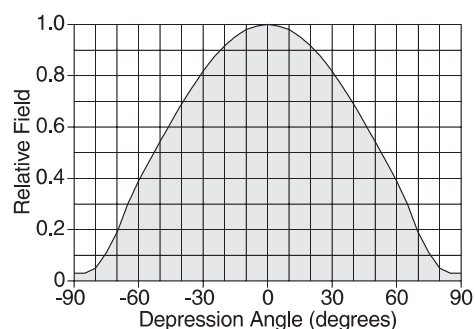
* Mechanical design is based on environmental conditions as stipulated in EIA-222-F (June 1996) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

Order Information:

Model	Description
SP-13076	Antenna with 50Ω 7/16 DIN connector Horizontal polarization center-mount



Azimuth pattern (E-plane)



Elevation pattern (H-plane)



10886-A

All specifications are subject to change without notice

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