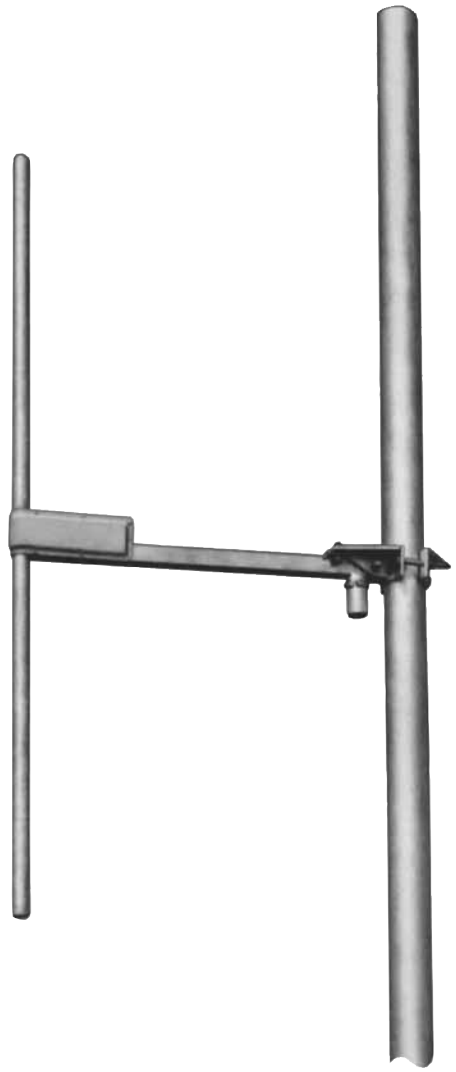
KATHREIN
SCALA DIVISION

K552841

Dipole Antenna
68–87.5 MHz

The Kathrein K552841 dipole antenna is intended for use in professional fixed-station applications in the 68–87.5 MHz band. It features:

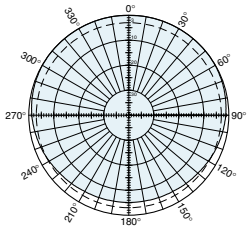
- Hot-dip galvanized steel construction.
- Stainless steel hardware throughout.
- Entire antenna at DC ground potential.



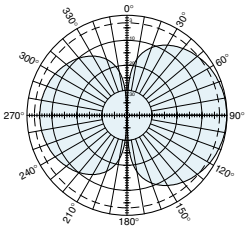
Specifications:

Frequency range	68–87.5 MHz
Gain	4 dBi
Impedance	50 ohms
VSWR	<1.5:1
Polarization	Vertical
Maximum input power	230 watts (at 50°C)
H-plane beamwidth	180 degrees (half-power)
E-plane beamwidth	78 degrees (half-power)
Connector	N female
Weight	19.8 lb (9 kg)
Dimensions (approx.)	68.9 x 34.3 inches (1750 x 870 mm)
Wind load	at 93 mph (150kph) 38 lbf (165 N)
Wind survival rating*	120 mph (200 kph)
Shipping dimensions	70.9 x 37.3 x 4.2 inches (1800 x 948 x 107 mm)
Shipping weight	24.3 lb (11 kg)
Mounting	For masts of 2.375 to 4.5 inches (60 to 115 mm) OD.
See reverse for order information.	

* Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) 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.



H-plane
Horizontal pattern – V-polarization



E-plane
Vertical pattern – V-polarization

RoHS
Lead-Free

11124-B
936.186/c

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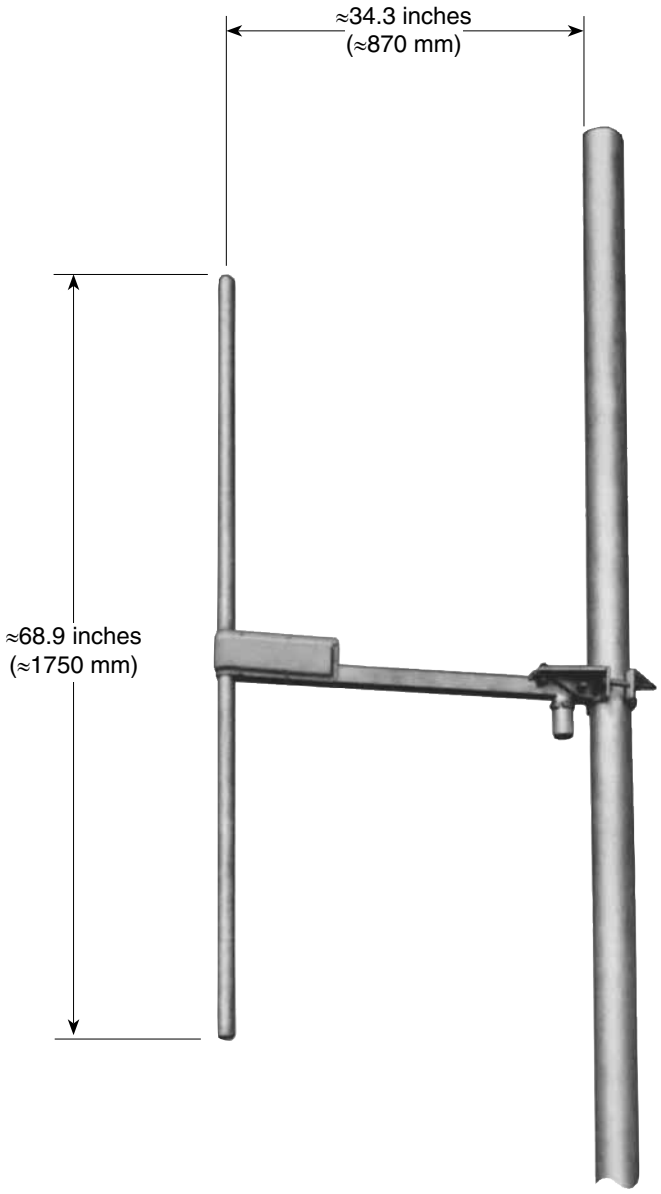

Order Information:

Model	Description
K552841	68–87.5 MHz Dipole antenna

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