

Omnidirectional Antenna Vertical Polarization

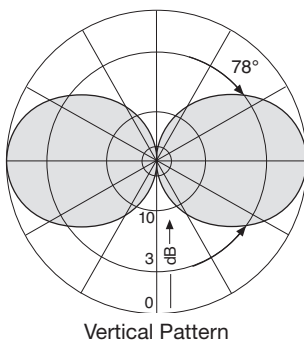
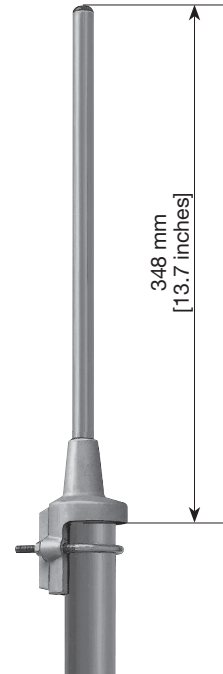
790–960

V

KATHREIN

VPol Omni 790–960 360° 2dBi

Type No.	K751161 602277
Frequency range	790 – 960 MHz
Polarization	Vertical
Gain	2 dBi
Impedance	50 Ω
VSWR	< 1.5
Intermodulation IM3	< -150 dBc (2 x 37 dBm carrier)
Max. power	100 W (at 50 °C ambient temperature)



Mechanical specifications	
Input	N female
Connector position	Bottom
Wind load (N) (at 150 km/h) [lbf]	17 [4]
Max. wind velocity (km/h) [mph]	200 [124]
Height (mm) [inches]	348 [13.7]
Radome diameter (mm) [inches]	21 [0.9]
Weight (kg) [lb]	0.74 [1.6]
Packing size (mm) [inches]	455 x 112 x 97 [17.9 x 4.4 x 3.8]

936.450/1 Subject to alteration.

All specifications are subject to change without notice.
The latest specifications are available at www.kathreinusa.com

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Accessories

General Information

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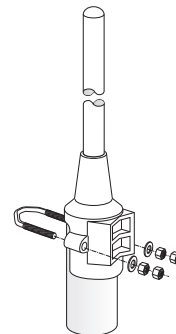
Accessories (order separately)

Type No.	Description	Remarks (mm) [inches]	Weight approx. (kg) [lb]	Units per antenna
K61335 602233	Side-mounting bracket	Mast diameter: 40–105 [1.6–4.1]	2.2 [4.9]	1

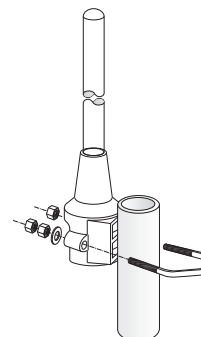
Material: **Radiator:** Brass. **Radome:** Fiberglass, color: Grey.
Base: Weather-proof aluminum.
Mounting kit, screws and nuts: Stainless steel.

Mounting: The antenna can be attached in two ways with the supplied mounting kit:
 1. On the tip of a tubular mast of 40–54 mm [1.6–2.1 inches] diameter (connecting cable runs inside the mast).
 2. Laterally at the tip of a tubular mast of 20–40 mm [0.8–1.6 inches] diameter (connecting cable runs outside the mast).

Grounding: All metal parts of the antenna as well as the inner conductor and the mounting kit are DC grounded.



On the tip



Laterally at the tip

Any previous data sheet issues have now become invalid.

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