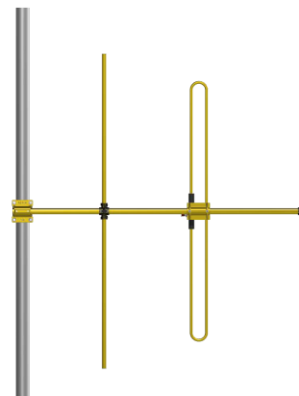


The KBU CA3-110 three-element broadband yagi antenna is intended for use as localizer monitoring antenna in the 108-118 MHz band.

It features:

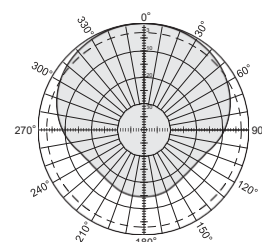
- Balanced driven element for superior performance in icing conditions.
- Sealed one-piece element with internal balun.
- Heavy wall anodized aluminum pipe and tubing.
- Heavy cast aluminum and stainless steel hardware.
- Entire antenna at DC ground potential.



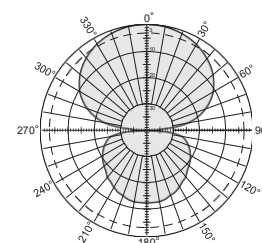
(Shown vertically polarized)

Specifications	
Frequency range	CA3-110 108—118 MHz
Gain	5 dBd / 7.15 dBi
Impedance	50 ohms
VSWR	<1.5:1 maximum
Polarization	Horizontal or Vertical
Front-to-back ratio	>13 dB
Maximum input power	100 watts
H-plane beamwidth	112 degrees (half-power)
E-plane beamwidth	65 degrees (half-power)
Connector	N female
Weight	6 lb (3.7 kg)
Dimensions	60 x 49.5 inches (1524 x 1257.3 mm)
Wind load at 93 mph (150 kph)	
Front	41 lbf (182 N)
Wind survival rating*	140 mph (225 kph)
Shipping dimensions	8 x 6 x 60 inches (203 x 152 x 1524 mm)
Shipping weight	17 lb (7.7 kg)
Mounting	For masts of 2.375 inches (60mm) OD.

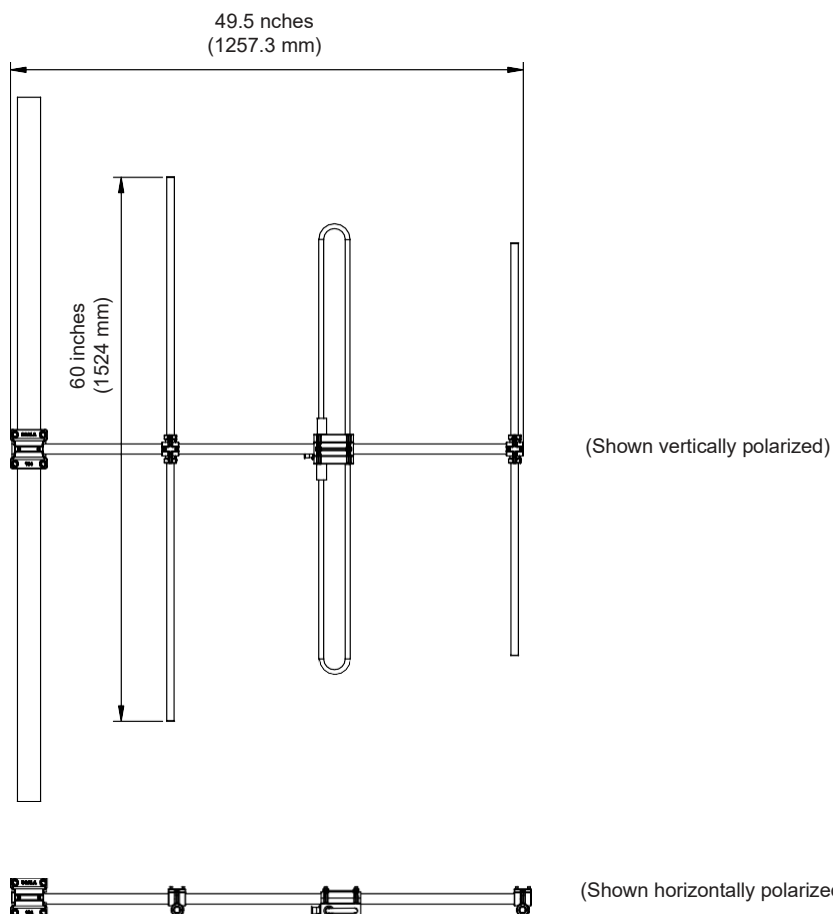
*Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. Contact KBU for further details.



H-plane
Horizontal pattern — V-polarization
Vertical pattern — H-polarization



E-plane
Horizontal pattern — H-polarization
Vertical pattern — V-polarization



Order information

Model	Description
CA3-110	108—118 MHz Yagi antenna

subject to alteration