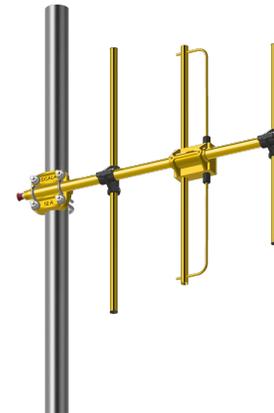


The KBU CA3-220 three-element broadband yagi antenna is intended for use in professional fixed-station applications in the 216—225 MHz band. It features:

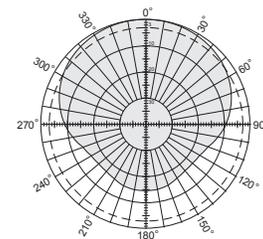
- Balanced driven element for superior performance in icing conditions.
- Sealed one-piece element with internal coax balun.
- Heavy wall anodized aluminum pipe and tubing.
- Heavy cast aluminum and stainless steel hardware.
- Entire antenna at DC ground potential.

Specifications	
Frequency range	CA3-220 216—225 MHz
Gain	5.2 dBd / 7.35 dBi
Impedance	50 ohms
VSWR	<1.5:1 maximum
Polarization	Horizontal or Vertical
Front-to-back ratio	>13 dB
Maximum input power	500 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	30 x 29 inches (745 x 735 mm)
Wind load at 93 mph (150 kph)	
Front	41 lbf (182 N)
Wind survival rating*	140 mph (225 kph)
Shipping dimensions	32 x 32 x 5 inches (813 x 813 x 127 mm)
Shipping weight	15 lb (6.8kg)
Mounting	For masts of 2.375 inches (60mm) OD.

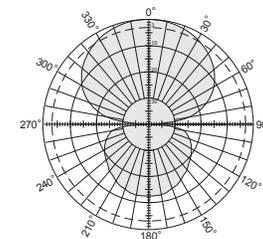
*Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. Contact KBU for further details.



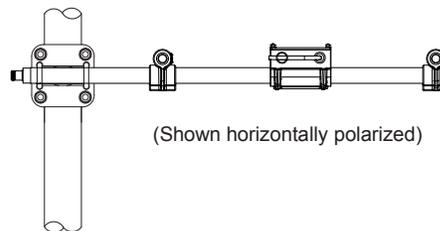
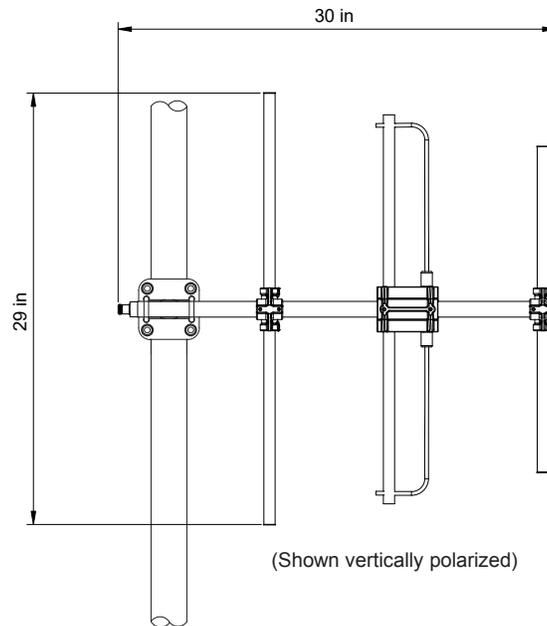
(Shown vertically polarized)



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



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



Order information

Model	Description
CA3-220	216—225 MHz Yagi antenna

subject to alteration