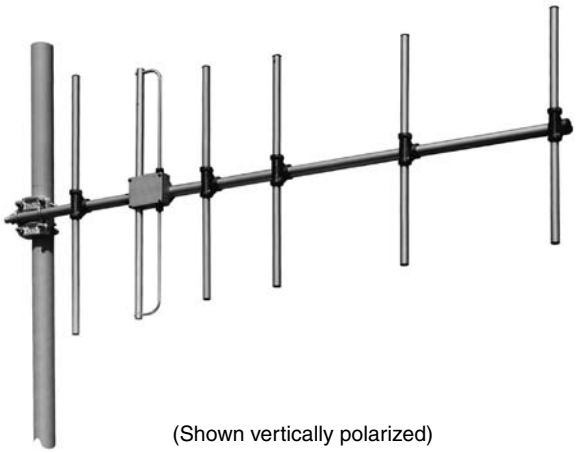
KATHREIN
SCALA DIVISION

CA6-220
CA6-230

Yagi Antenna
216–225 MHz
225–230 MHz

The Kathrein Scala Division CA6-220 and CA6-230 six-element broadband yagi antennas are intended for use in professional fixed-station applications in the 216–225 and 225–230 MHz bands. They feature:

- 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 aluminum castings and stainless steel hardware.
- Entire antenna at DC ground potential.

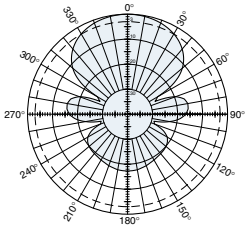


(Shown vertically polarized)

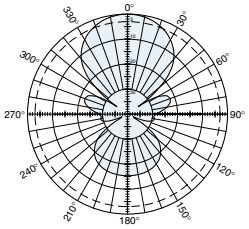
Specifications:

Frequency range	**CA6-220**	216–225 MHz
	CA6-230	225–230 MHz
Gain	11 dBi	
Impedance	50 ohms	
VSWR	< 1.5:1 maximum	
Polarization	Horizontal or vertical	
Front-to-back ratio	>17 dB	
Maximum input power	500 watts	
H-plane beamwidth	60 degrees (half-power)	
E-plane beamwidth	44 degrees (half-power)	
Connector	N female	
Weight	8.0 lb (3.7 kg)	
Dimensions	65 x 27 inches (1651 x 686 mm)	
Equivalent flat plate area	1.07 ft^2 (0.1 m^2)	
Wind survival rating*	140 mph (225 kph)	
Shipping dimensions	66 x 28 x 5 inches (1676 x 711 x 127 mm)	
Shipping weight	17.0 lb (7.7 kg)	
Mounting	For masts of 2.375 inch (60 mm) OD.	
See reverse for order information.		

* 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.



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



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

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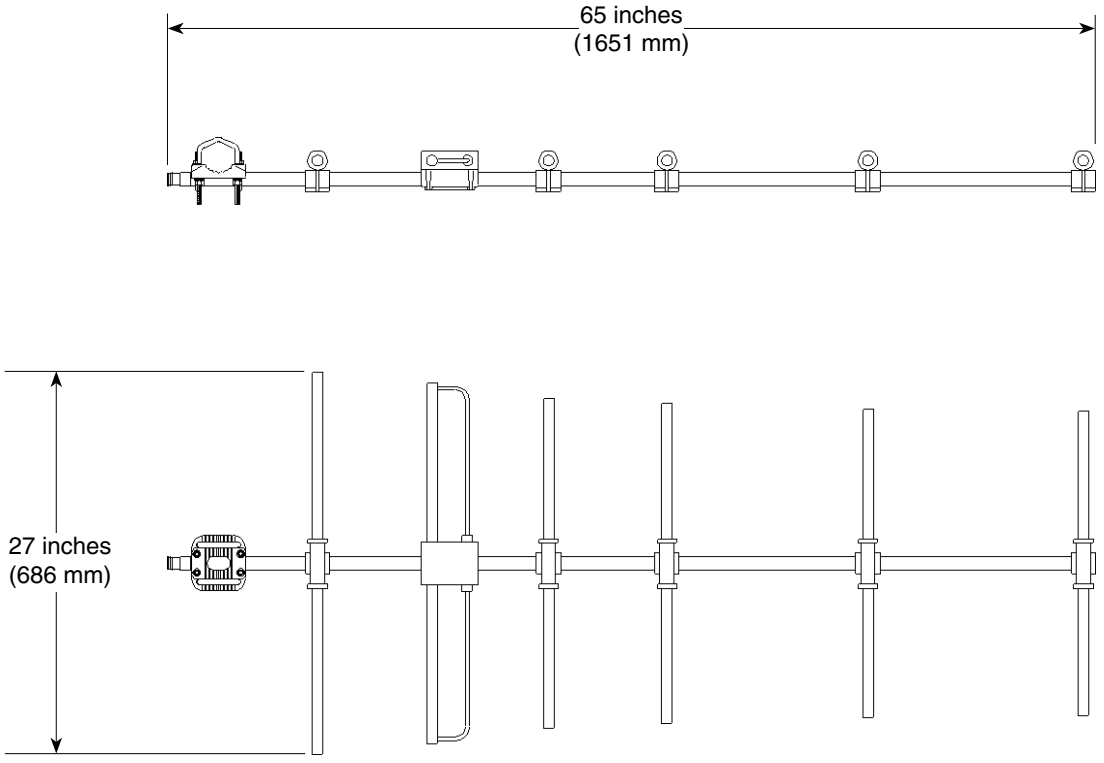

(Shown vertically polarized)

Order Information:

Model	Description
CA6-220N	216–225 MHz Yagi antenna
CA6-230N	225–230 MHz Yagi antenna

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