

The Scala CA2 is a ruggedly built, dipole reflector antenna, designed for professional VHF-TV transmit and receive applications.

Like all Scala antennas, the CA2 is made of the finest materials using state of the art electrical and mechanical designs resulting in superior performance and long service life.

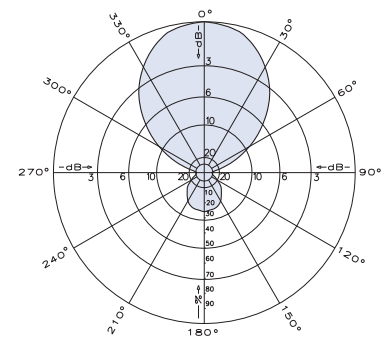
The CA2 may be used stand alone or in stacked arrays for higher gain, increased side-lobe suppression, or custom azimuth patterns.



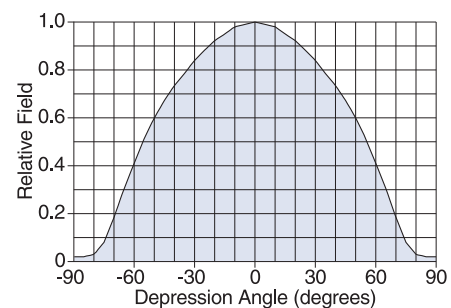
#### Specifications

Frequency range	54 to 216 MHz (any specified VHF-TV channel 2—13)
Gain	4 dBd
Power gain	2.51
Impedance	50 ohms
VSWR	<1.5:1
Polarization	Horizontal
Front-to-back ratio	>11 dB
Maximum input power	250 watts
H-plane beamwidth	80 degrees (half-power)
E-plane beamwidth	72 degrees (half-power)
Connector	N female
Weight	14 lb (6.4 kg)
Dimensions	48.5 x 112.3 inches maximum (1232 x 2852 mm)
Wind load at 100 mph (161 kph)	
Front	65 lbf (288 N)
Wind survival rating*	120 mph (193 kph)
Shipping dimensions	110 x 6 x 5 inches maximum (2794 x 152 x 127mm)
Shipping weight	17 lb (7.7 kg)
Mounting	For masts of 2.375 inch (60 mm) OD.

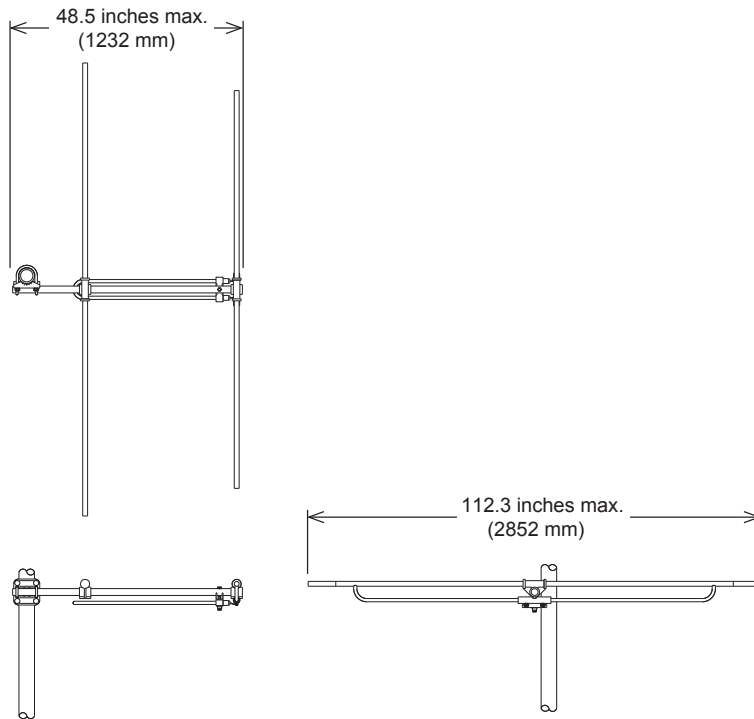
\*Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. Contact KBU for further details.



Azimuth pattern (E-plane)



Elevation pattern (H-plane)



30069 subject to alteration