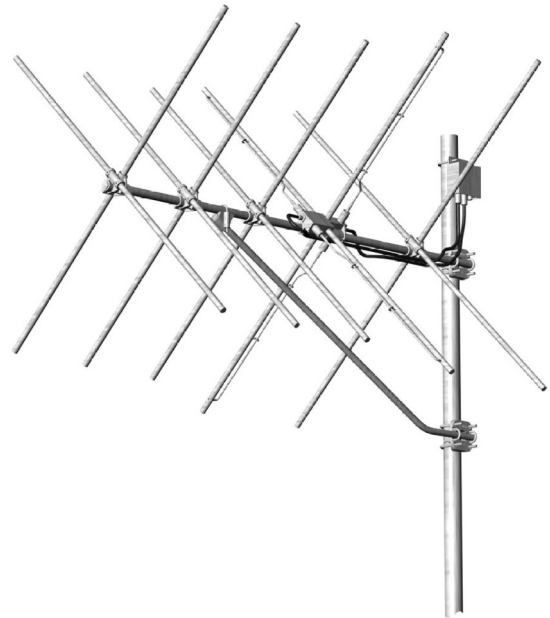


The Scala HDCA-5CP/CM & HDCA-5CP/RM are ruggedly built yagi antennas, designed for professional VHF-TV transmit and receive applications.

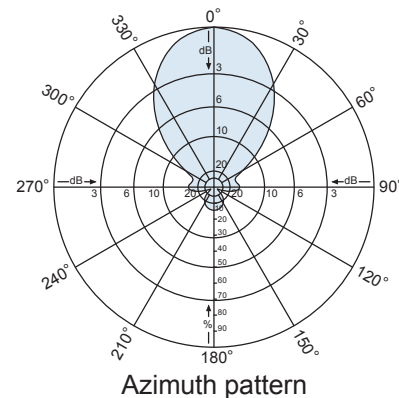
Like all Scala antennas, the HDCA-5CP antennas are made of the finest materials using state of the art electrical and mechanical designs resulting in superior performance and long service life.

The HDCA-5CP antennas may be used stand alone or in stacked arrays for higher gain, increased side-lobe suppression, or custom azimuth patterns.

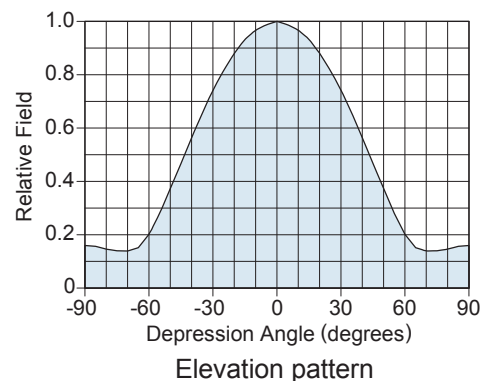


Specifications

Frequency range	Any specified VHF-TV channel 54 to 88 MHz		
Gain	Gain	Power gain	
Channels 2—3	3.7 dBd	2.34	
Channels 4—6	4.5 dBd	2.82	
Impedance	50 or 75 ohms		
VSWR	<1.5:1		
Polarization	Circular		
Front-to-back ratio	>16 dB		
Maximum input power	250 watts 50Ω 100 watts 75Ω		
Azimuth pattern	63 degrees (half-power)		
Elevation pattern	63 degrees (half-power)		
Connector	75Ω N female		
Weight	38 lb (17.2 kg)		
Dimensions	107 x 75.3 inches maximum (2718 x 1913 mm)		
Wind load at 100 mph (161 kph)	Front 123 lbf (547 N)		
Wind survival rating*	120 mph (193 kph)		
Shipping dimensions	125 x 10 x 6 inches maximum (3175 x 254 x 152 mm)		
Shipping weight	46 lb (20.9 kg) maximum		
Mounting	For masts of 2.375 inch (60 mm) OD.		
	HDCA-5CP/CM	Center-mount (channels 2—6)	
	HDCA-5CP/RM	Rear-mount (channels 2—6)	



Azimuth pattern



Elevation pattern

*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.

30076a subject to alteration

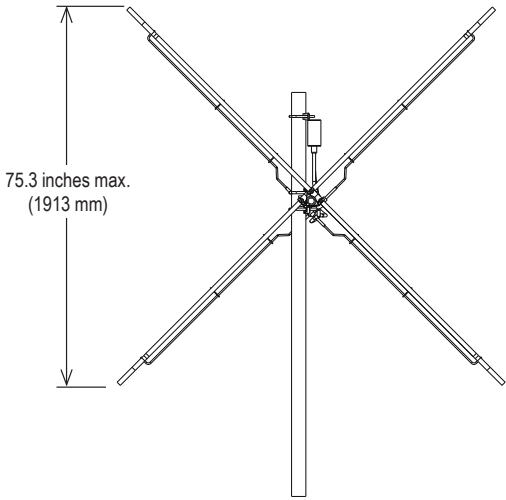
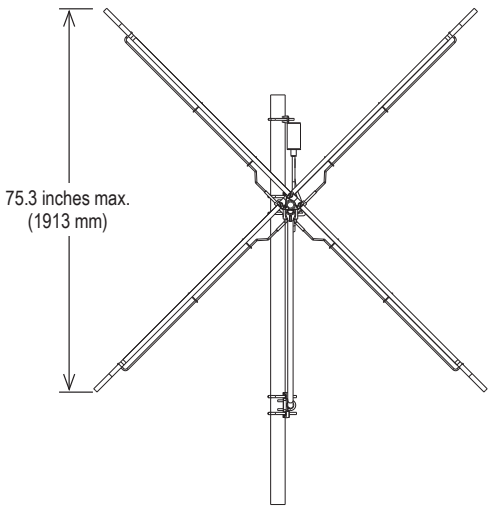
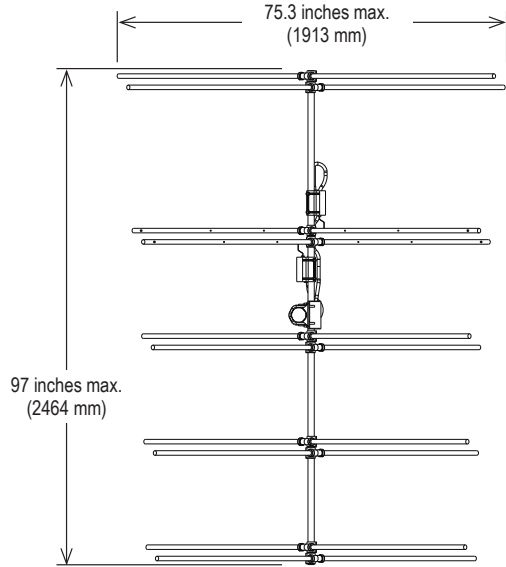
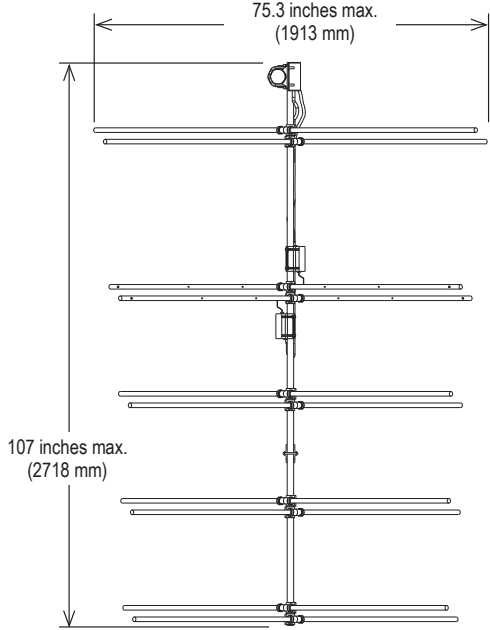
All specifications are subject to change without notice.
The latest specifications are available at www.kathrein-bca.com

HDCA-5CP (TV) Page 1 of 2



A Kathrein Broadcast Brand

HDCA-5CP/CM, HDCA-5CP/RM Circularly Polarized VHF-TV Yagi Antenna 54 to 88 MHz (Channels 2—6)



HDCA-5CP/RM (Channels 2—6)

HDCA-5CP/CM (Channels 2—6)

30076a subject to alteration

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