

The Kathrein-Scala HDCA-5CP/RM is a ruggedly built yagi antenna, designed for professional FM transmit and receive applications.

Like all Kathrein-Scala antennas, the HDCA-5CP/RM is made of the finest materials resulting in superior performance and long service life.

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

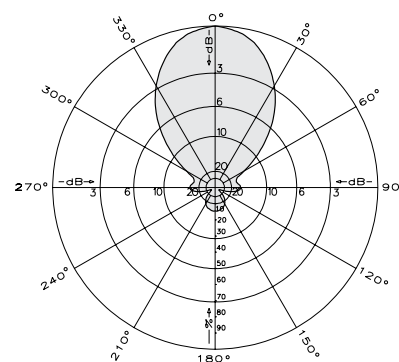
Specifications:

| | |
|-----------------------|--|
| Frequency range | Any specified FM channel 88 to 108 MHz |
| Gain | 4.5 dBd |
| Power gain | 2.82 |
| Impedance | 50 or 75 ohms |
| VSWR | < 1.5:1 |
| Polarization | Circular |
| Front-to-back ratio | >14 dB |
| Maximum input power | 100 watts (75Ω N) 250 watts (50Ω N) |
| Azimuth pattern | 62 degrees (half-power) |
| Elevation pattern | 62 degrees (half-power) |
| Connector | 50Ω N or 75Ω N |
| Weight | 34.5 lb (15.6 kg) |
| Dimensions | 74.1 x 54 x 51 inches maximum (1882 x 1372 x 1295 mm) |
| Wind load Front | at 100 mph (160 kph) 79 lbf (350 N) maximum |
| Wind survival rating* | 120 mph (200 kph) |
| Shipping dimensions | 84 x 13 x 8 inches maximum (2134 x 330 x 203 mm) |
| Shipping weight | 37.5 lb (15.6 kg) |
| Mounting | For masts of 2.375 inches (60 mm) OD. |

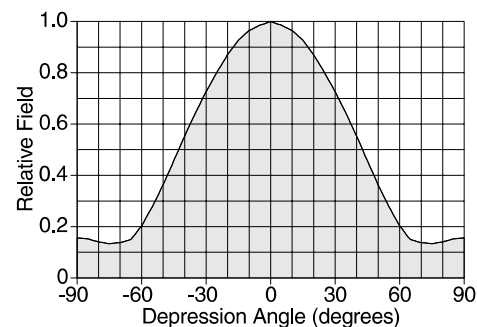
* Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. See the Engineering Section of the catalog for further details.

Order Information:

Contact Kathrein-Scala Customer Service for detailed order information.



Azimuth pattern

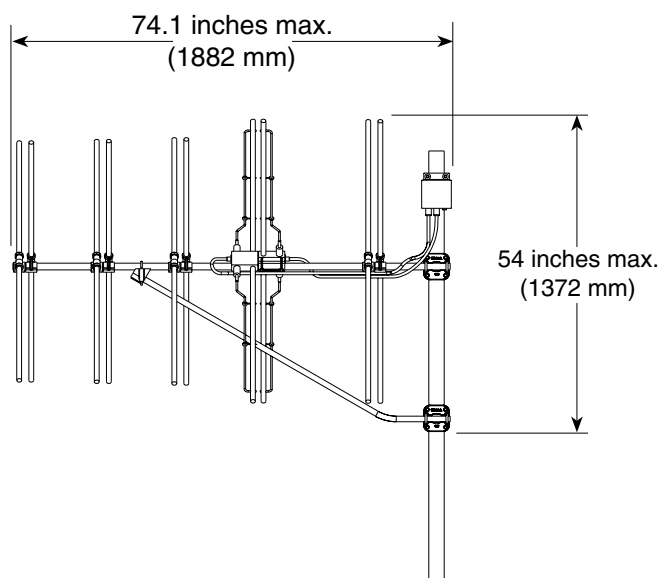
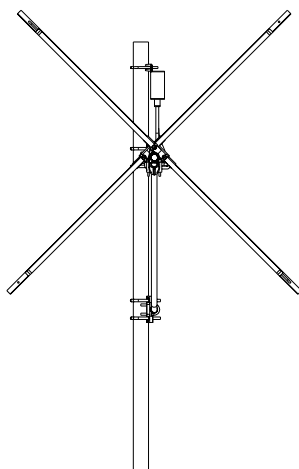
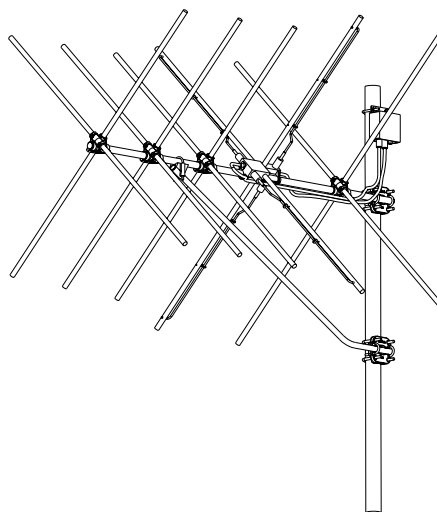
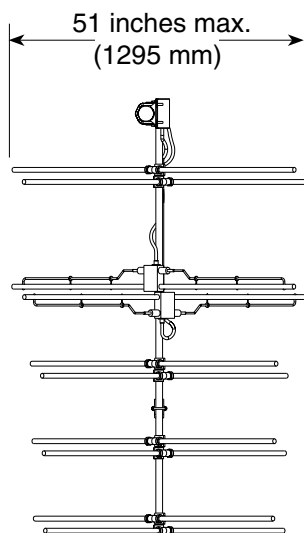


Elevation pattern



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

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