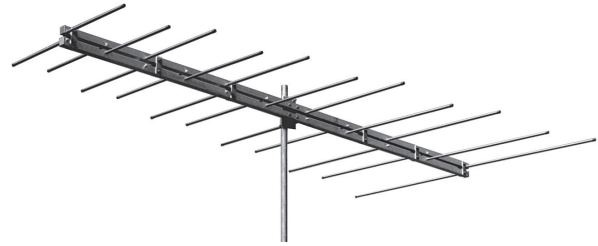


The Scala CL-26 is a ruggedly built, horizontally polarized log-periodic antenna, designed for professional VHF-TV transmit and receive applications.

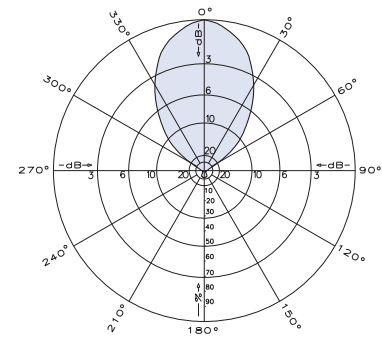
Like all Scala antennas, the CL-26 is made of the finest materials using state of the art electrical and mechanical designs resulting in superior performance and long service life.

The CL-26 may be used stand alone or in stacked arrays for higher gain, increased side-lobe suppression, or custom azimuth patterns.

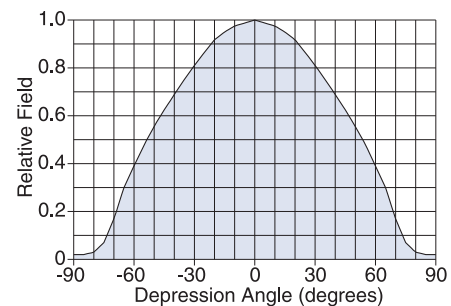


| Specifications | |
|--------------------------------|--|
| Frequency range | 54—88 MHz (broadband) |
| Gain | 8.2 dBd |
| Impedance | 50 or 75 ohms |
| VSWR | <1.5:1 |
| Polarization | Horizontal |
| Front-to-back ratio | >25 dB |
| Maximum input power | 250 watts, type "N" 75 ohm connector 500 watts, type "N" 50 ohm connector |
| H-plane beamwidth | 54 degrees (half-power) |
| E-plane beamwidth | 76 degrees (half-power) |
| Connector | N female (50 or 75 ohms) |
| Weight | 62.5 lb (28.4 kg) |
| Dimensions | 180.7 x 109.4 x 9.9 inches (4590 x 2779 x 252 mm) |
| Wind load at 100 mph (161 kph) | |
| Front | 251 lbf (1116 N) |
| Wind survival rating* | 120 mph (193 kph) |
| Shipping dimensions | 193 x 12 x 7 inches (4903 x 305 x 178 mm) |
| Shipping weight | 150 lb (68.2 kg) |
| Mounting | For masts of 2.375 inch (60 mm) OD. |

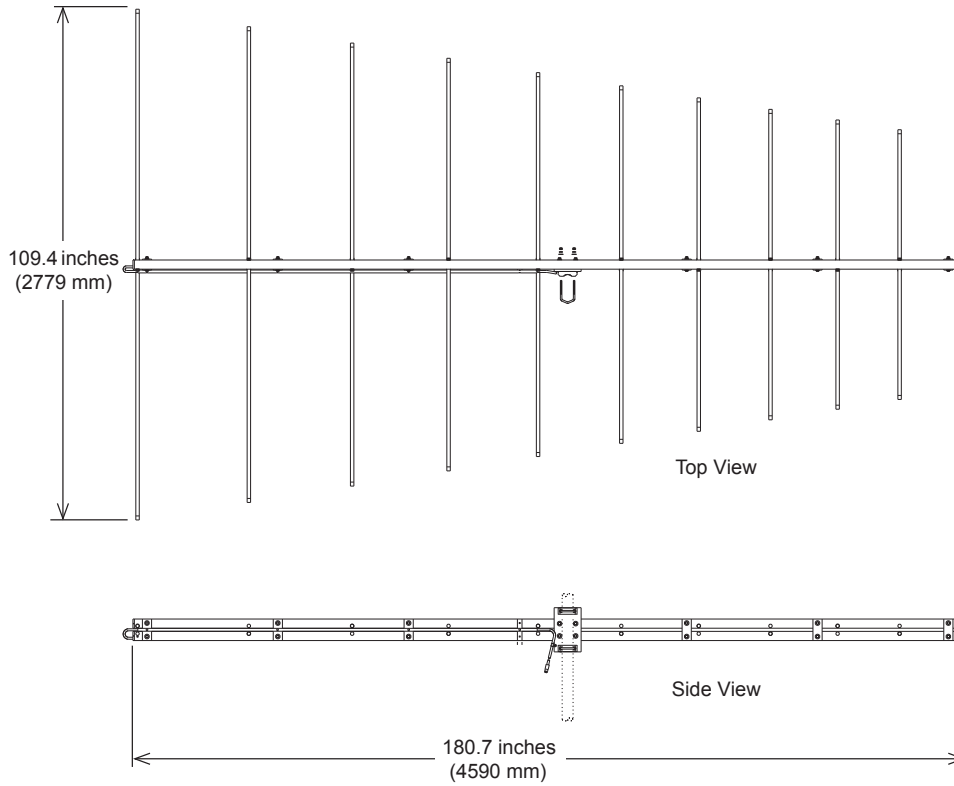
*Mechanical design is based on environmental conditions as stipulated in TIA-222-G-2 (December 2009) and/or ETS 300 019-1-4 which include the static mechanical load imposed on an antenna by wind at maximum velocity. Contact KBU for further details.



Azimuth pattern (E-plane)



Elevation pattern (H-plane)



Order information

| Model | Description |
|---------------|------------------------------|
| CL-26/HCM/50N | Antenna with 50Ω N connector |
| CL-26/HCM/75N | Antenna with 75Ω N connector |

30071 subject to alteration