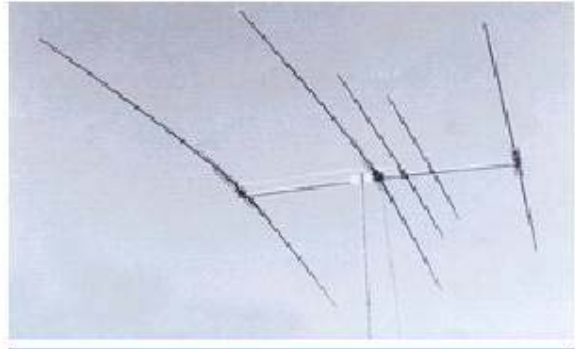


## HB35-C FULL SIZE TRI-BANDER PHASED DUAL DRIVE MULTI BAND HI-GAIN ANTENNA

The HB35C utilises the most advanced three-band antenna design developed in recent years. This phase tuned 5 element TRI-BANDER is neither a trap antenna of standard coil design, nor is it of a linear trap design. All traps have losses and shorten the antenna, consequently reducing the efficiency.

The HB35C is a full size tri-bander, efficiently utilising the DUAL DRIVE HB9CV system with the revolutionary “PHASE TUNED” VK2AOU multi band system. The combination of these two systems with TET-Emtron’s unique design makes the HB35C a unique antenna with superior performance.



SPECIFICATIONS	HB35C
Band	14 - 21 - 28 MHz
Number of Elements	5
Gain	8.5 dBd
Front to Back Ratio	25 dB or better
Maximum Power Input	3 Kw
Impedance	50 Ohms
Maximum Element Length	10.6 metres
Boom Length	4.0 metres
Turning Ratio	5.67 metres
Transport Weight	26 kg
Antenna Weight	22 kg
Wind Loading	1300 n

When compared with a standard Triband beam on a 7–8 metre boom, this antenna exhibits superior gain and bandwidth. In addition, the excellent directivity of the HB35C places it ahead of all competitors. The performance of the HB35C on all bands is considered better compared to that of a full sized wide spaced three element Yagi.

The antenna is manufactured from specially hardened aluminium tubing and supplied with all stainless steel hardware to meet the most rugged environmental conditions.