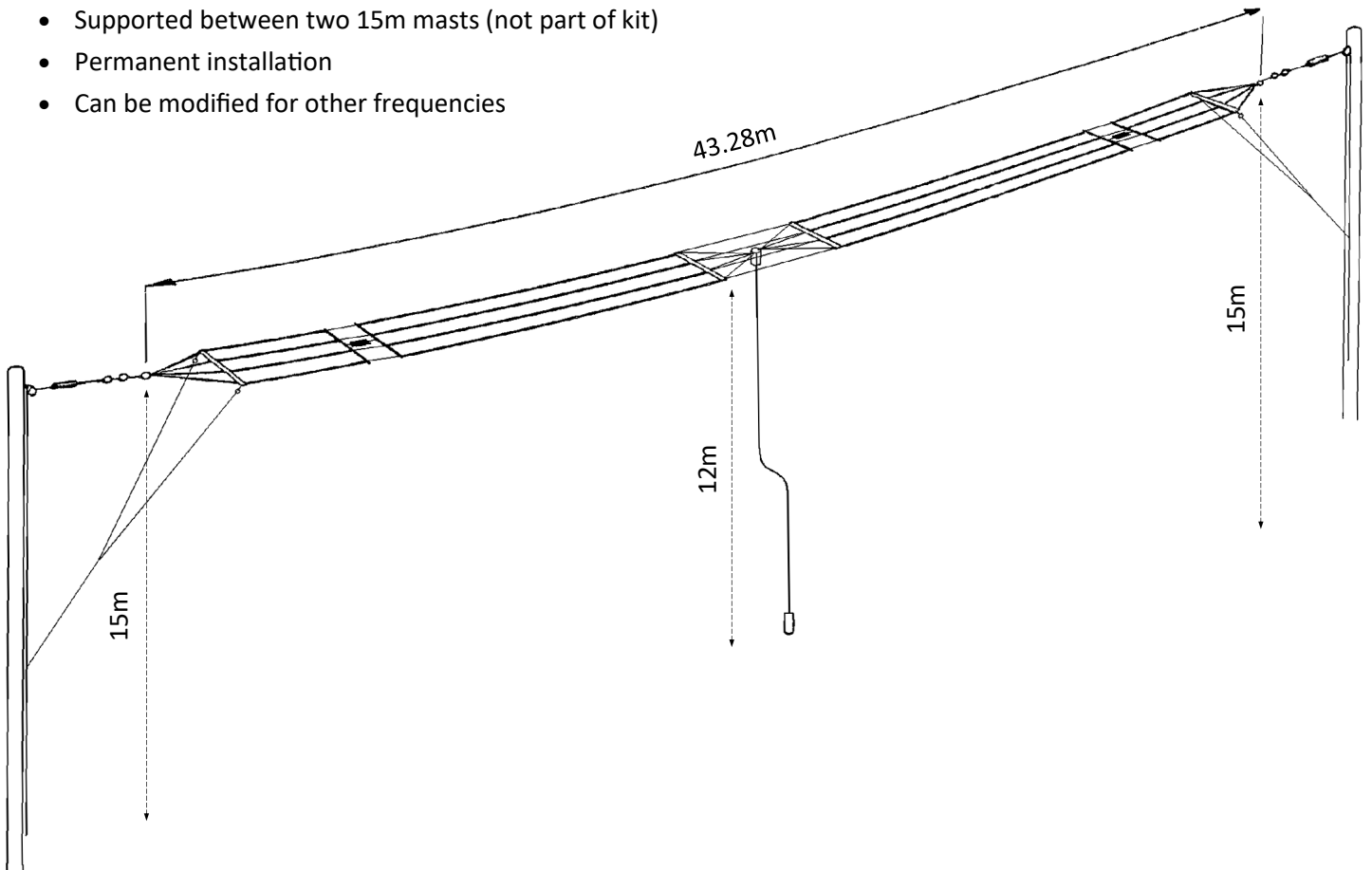


Features:

- 2 - 30 MHz
- 400W and 1KW versions available
- With loads to obtain broad band characteristics
- Permits fast frequency shifts as it does not require adjustment
- Supported between two 15m masts (not part of kit)
- Permanent installation
- Can be modified for other frequencies

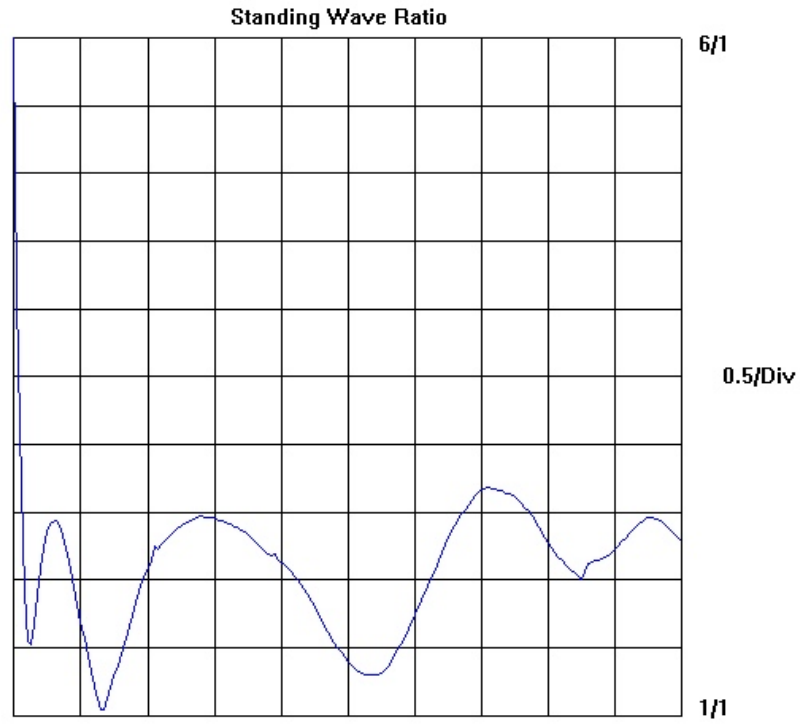


Electrical specifications:

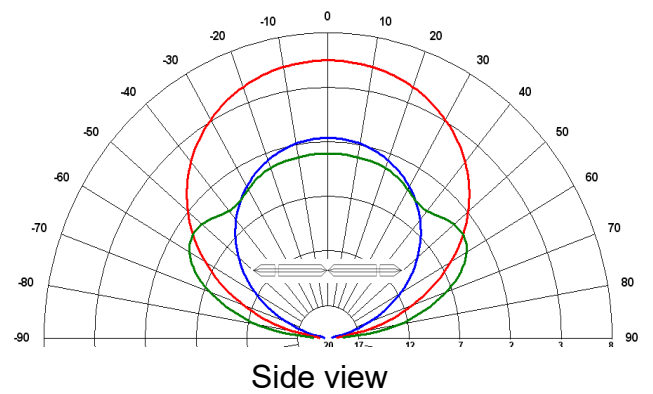
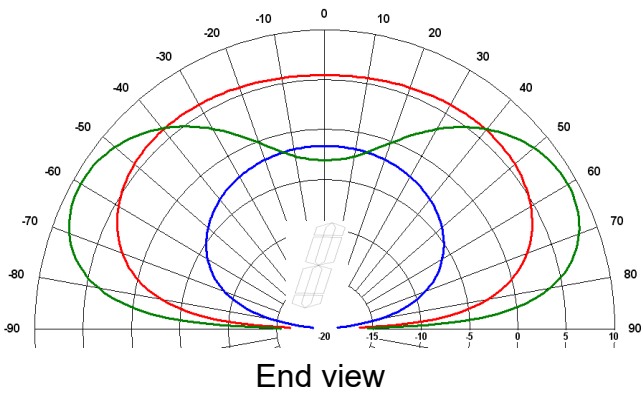
Frequency range	2 - 30 MHz
VSWR	≤ 3:1 (see diagram)
Nominal impedance	50 ohm
Power rating	AH53-400 400W CW (500W CW 30 mins) AH53-1000 1000W CW
Radiation pattern	See diagram
Connector	N - female

Mechanical specifications:

Design	Centre fed dipole with loaded dipole arms
Length	43.28 m
Width	2.1 m
Weight, total	AH53-400 38.5kg AH53-1000 43.5kg
Weight, centre section	6 kg
Wind rating	55m/s
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F



Typical Radiation Patterns



3MHz @ $q=30^\circ$
6MHz @ $q=40^\circ$
10MHz @ $q=50^\circ$

