HF Wire Antenna Kits

1.6 MHz - 30 MHz

HF Wire Antenna Kits-DS Issue 1

The most important thing we build is trust

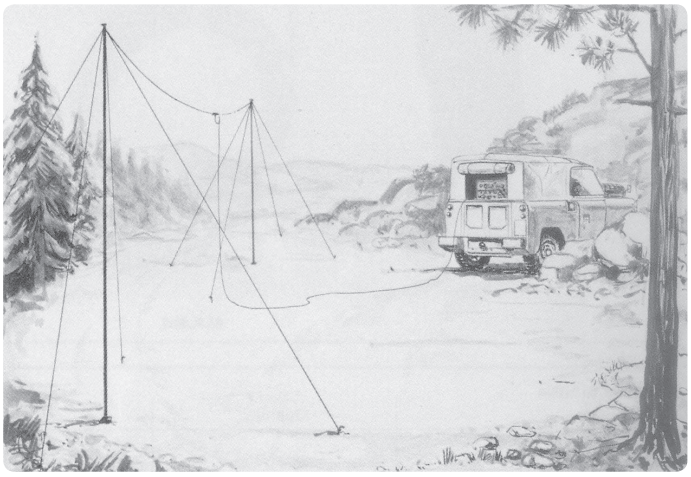
These lightweight, half-wave, centre fed, adjustable wire antenna kits comprise two radiating elements, suspension cords, a centre junction and a coaxial feeder.

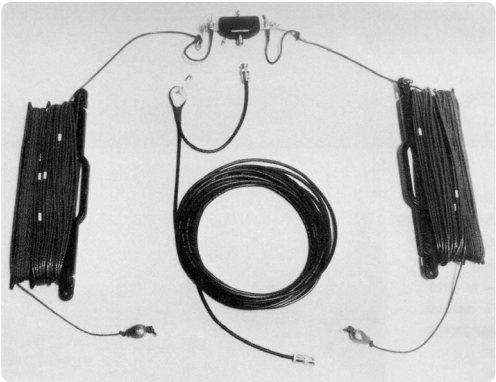
The radiating element comprises 23.5 metres of tinned copper wire, laid up in a terylene cord and PVC sheathed, fitted with twenty frequency markers, and wound onto a polypropylene winder board. A suspension cord, 22 metres long, with a lead weight attached, is also wound onto the winder board. If a support mast in not available, the lead weight can be thrown onto a tree to elevate one or both ends of the dipole.

The centre junction is moulded in black glass fibre loaded epoxy resin. It measures 100 mm x 80 mm x 20 mm and weighs 0.1 kg. The dimensions and weight assist in keeping operational loads to a minimum, while stainless steel links take all loads off the radiating element and coaxial cable terminations.

The standard coaxial feeder comprises nine metres of URM76 cable, fitted with BNC plugs at each end with strain relief at the centre junction end, thus eliminating any strain on the BNC connection.

When in use, the dipole is simply adjusted to the desired frequency, by unwinding the radiating element to the desired frequency marker and then locking the wire into a slot on the winder board, thereby making any tying off unnecessary.





Typical Wire Dipole Kit (654 shown)

Model	Description	Frequency	Power
654	Adjustable Wire Dipole	3 MHz - 30 MHz	100 W
655	End Fed Sloping Wire	3 MHz - 30 MHz	100 W
735	Adjustable Wire Dipole	1.6 MHz - 30 MHz	100 W
783	Adjustable Wire Dipole	1.6 MHz - 30 MHz	1 kW

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