



HFS30

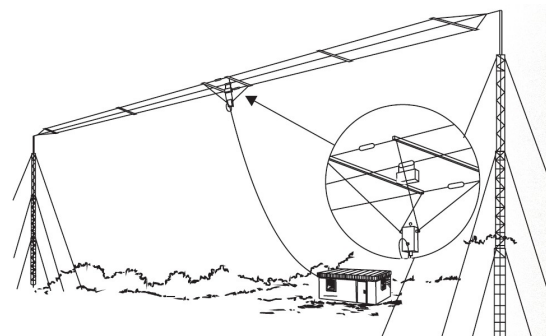
NVIS, commercial or military HF Broadband 3-Wire

HF 2.0-30 MHz



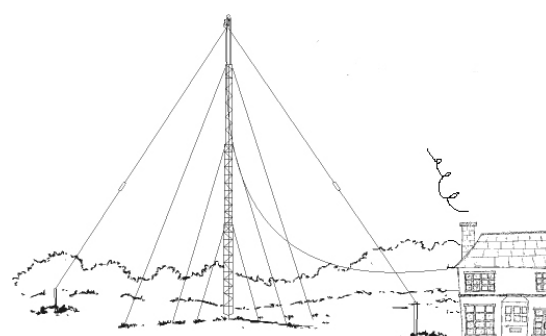
HFS30 is a multi-wire broadband dipole which covers the entire HF frequency range 2.0-30 MHz. The light but sturdy design is highly efficient and offers excellent performance with minimal wind loading. Suitable for commercial, civilian or military applications such as near vertical incidence skywave (NVIS).

In mounting configurations the antenna needs to be erected 10 metres above ground level.



Horizontal configuration

Construction	3 x 2mm stainless steel wires and fittings, fibreglass rods
Frequency range	2.0-30 MHz - HF
Bandwidth	Full frequency range stated
Tuning	Factory - no tuner required
VSWR - typical	<2:1
Gain - typical	5 dBi, -6 dBi at 3.6 MHz
Maximum power	130 Watts continuous - 250W P.E.P.
Impedance	50 Ohms
Input connector	UHF female socket SO239
Shipping weight	4.0kg
Wind rating	210kph
Antenna length	27 metres
Horizontal tower spacing	29 metres - mast to mast
Inverted "V" spacing	20 metre footprint



Inverted 'V' configuration



HF 3-wire balun with strain relief



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