UHF Fibreglass Whips
FW Series

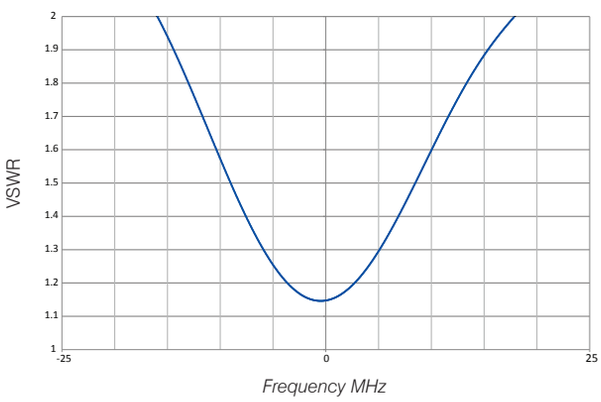
The FW Series are a traditional fibreglass roof mount antenna which delivers high gain performance in a rugged package.The antennas are dual element fibreglass collinear (5/8 wave over a ½ wave) which deliveries 4.5dBi omnidirectional gain.

The antennas are constructed from a heavy duty fibreglass blank for maxmum strength and rigidity. The copper braided whip is dissected by a centrally located phasing coil which separates the two electrical elements. The antenna is covered with UV stabilised black heat shrink for envoinmental protection.

Features:

- Excellent Performance – 4.5 dBi
- Robust design
- Models available to cover from 410MHz to 490MHz

Typical VSWR response



Electrical

Model Number	FW13-HD	FW14-HD	FW15-HD
Frequency *MHz*	410-430	450-470	470-490
Gain *dBi (peak)*	4.5		
VSWR (across operating bands)	<2.0:1		
Power *W*	25		
Input Impedance Ω	50		
Horizontal Beamwidth	Omnidirectional		

Mechanical

Model Number	FW13-HD	FW14-HD	FW15-HD
Mounting	5/16" 26TPI Thread		
Dimensions *mm*	680	655	580
Weight *kg*	0.096	0.092	0.088
Radome Colour	Black UV stable heat shrink		
Suggested Mounting	MB10 or MB12 antenna base		

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