

High Gain Roof Mount Antennas

148-175 MHz

FW12
SW12

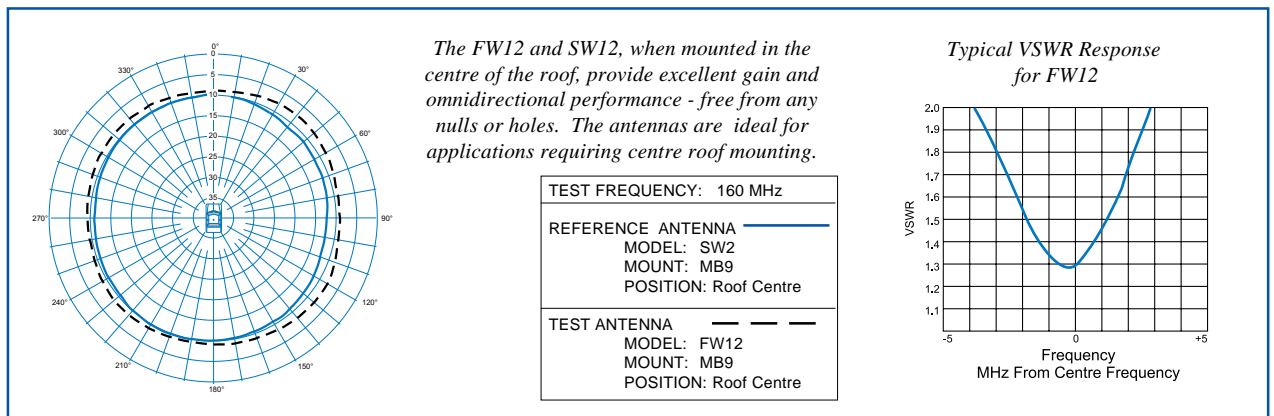
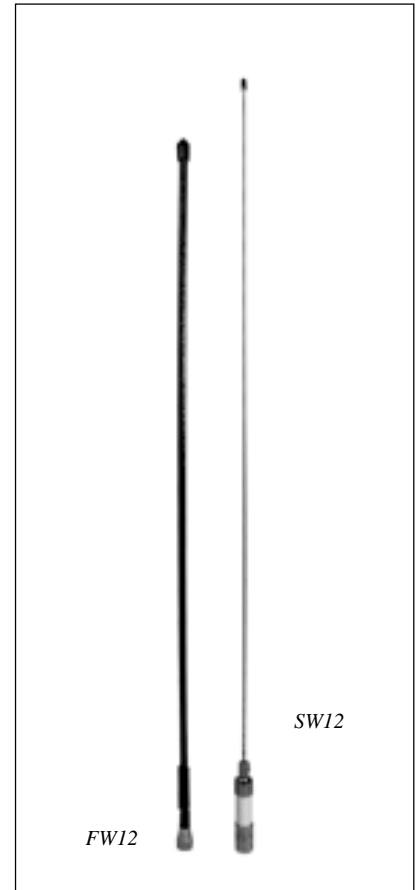
The SW12 stainless steel and FW12 fibreglass antennas are base loaded 5/8 wave high gain antennas, which, when mounted high on a roof clear of obstructions, provide superior gain and pattern characteristics. The antennas are identical in performance so the choice of antenna depends on user preference.

The SW12 utilises a flexible 17-7Ph stainless steel whip section which will take the knocks and flexing often associated with roof mounts, yet return to its original shape. The whip section mounts to a durable fibreglass base loading coil making the entire antenna package attractive and less obtrusive, ideal for most applications.

The FW12 is electrically identical to the SW12. The base loading coil is mounted at the base of the fibreglass blank. The fibreglass blank is sleeved with a copper braid and the entire whip is covered with UV stabilised black heat shrink for protection.

Both antennas are easily tuned in the field for minimum VSWR. They mount via standard VHF bases and can utilise the full line of accessories and fittings which are offered with this range.

- Base loaded 5/8 wave provides 3.0 dB gain
- Excellent omnidirectional pattern
- SW12 features 17-7Ph stainless steel whip for maximum flexibility



Electrical

Model No.	Gain (dB)	Frequency (MHz)	Power (Watts)	Tuned Bandwidth	Tuning
SW12	3.0	148-175	100	3.0 MHz @ 1.5:1 VSWR	Field tune to minimum VSWR
FW12					

Mechanical

Model No.	Whip Material	Whip Length (mm)	Suggested Mounting	Cable and Connector
SW12	Tapered 17-7Ph s/steel	1340	MB9 Base, MB10 or MB12 may also be used	Not supplied, order separately
FW12	Fibreglass w/ black heatshrink	1345		