

Cellular Roof Mount

824-960 MHz

SW Series

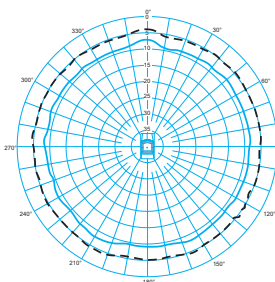


Roof mount antennas are recommended by system operators, mobile manufacturers and system designers as they provide the strongest reception and most reliable performance of any cellular mobile antenna.

At the heart of each RFI roof mount antenna is the MB14 base. The base is intricately constructed, much like a coaxial connector. The precisely controlled termination is reliable electrically and mechanically provides a superb match resulting in a broad bandwidth.

Features:

- Roof mounting for optimum performance
- Black finish will not scratch or peel
- Limited lifetime warranty
- SW1495 (CDMA only) offers 5 dB gain for maximum range in country or fringe areas
- SW1486/1686 Magnetic base versions available for portable applications complete with protective rubber boot



This antenna is providing excellent gain and omnidirectional performance as expected when mounted as recommended. The published gain figure for this antenna of 3 dB is conservative and could more correctly be stated at 3.5dB.

TEST FREQUENCY: 825 MHz	
REFERENCE ANTENNA	
MODEL: SW1405	—
MOUNT: MB14 Roof Centre	
TEST ANTENNA	
MODEL: SW1485	-----
MOUNT: MB14 Roof Centre	

Electrical

Model Number	SW1405	SW1605	SW1485/6	SW1685/6	SW1495
Gain	Unity over 1/4 wave		3dB over 1/4 wave		5dB over 1/4 wave
Frequency <i>MHz</i>	824 - 896	890 - 960	824 - 896	890 - 960	824 - 896
Power <i>W</i>	50				
Tuned Bandwidth	Entire specified band @ <1.9:1 VSWR				
Tuning	Supplied pre-tuned				

Mechanical

Model Number	SW1405	SW1605	SW1485	SW1685	SW1486	SW1686	SW1495
Whip Material	17-7 PH stainless steel with brass ferrule, black finish						
Whip Length <i>mm</i>	70	65	350	340	380	370	624
Mounting	MB14				Heavy duty magnetic mount		MB14
Cable and Connector	Supplied with 5.0m Cellfoam® cable. Please specify mini UHF, FME or TNC connector.						