

SW-1482(X) Mobile omni whip antenna, 2 dBd, rugged design, 132-174 MHz

- Optimized mechanical design and rugged material for extended life in the field
- Exceptional operational temperature range for various applications
- The whip is made of highest grade stainless steel capable of operating in extreme conditions
- Weather proof base with integral sealing gasket

Sinclair has been proudly offering the legendary Excelsior family whip antenna line for decades. Now we are rolling out the newest member of the family, the SW series. Based upon years of market study and customer feedback, the new SW series whip antenna features optimized mechanical design for outstanding reliability in-field use. The new materials used also gives the antenna extra ruggedness, and an extended operating temperature range, from -45 to +60 Celsius, which allows the antenna to be used for wider applications. Fittings are constructed of stainless steel to inhibit rust and corrosion and are molded into the housing without the use of glue or fasteners to ensure a long-lasting, reliable product, even in severe environments.



SW-1482 model shown

When ordering, please refer to the chart below for the exact part number and configuration.

Part#	Color	Shock spring	Availability
SW-1482	Stainless steel	-	Available
SW-1482B	Black	-	Call for details
SW-1482S	Stainless steel	Yes	Coming soon
SW-1482SB	Black	Yes	Coming soon

Note:
The antenna is supplied with a cutting chart to facilitate the tuning process.
Mounting kit (NMO interface) must be ordered separately.

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+44 (0) 1487 84 28 19	Canada: 1 800 263 3275 International: +1 905 726 7676	+1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com
Product Specification Sheet EPR		SW-1482(X)	Issue: 2	Dated: 22-12-20 Dated: 22-12-20

Electrical Specifications

Frequency Range	MHz	132 to 174	
Bandwidth	MHz	26	*1
Gain (nominal)	dBd (dBi)	2 (4.1)	
Input VSWR (max)		2:1	
Polarization		vertical	
Impedance	Ω	50	
Pattern		Omni- directional	
Average Input Power (max)	W	150	

Notes

*1 : Typical

*2 : Max, see separate cutting chart for details.

Mechanical Specifications

Length/ Height	in (mm)	42.5 (1080)	*2
Mounting configurations		upright	

Environmental Specifications

Temperature range	°F (°C)	-49 to +140 (-45 to +60)
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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com