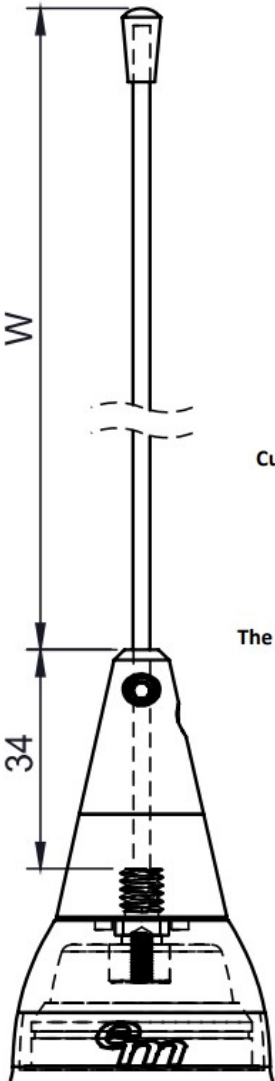


**CS-3802N**  
**UHF antenna**  
**Low Profile - 380 > 520MHz**  
**Ground plane Independent**

- Wide Band Performance. 380 - 520MHz
- Ground Plane Independent
- One-piece 17-7 SS Whip for Reliability and Performance
- O-Ring Seal for Waterproof Construction
- Durable Dual Shot ASA Base with TPE Over Mold Dust Seal and Grip Ring
- IP67 Rated
- Tunable
- USA Manufacturer
- NMO Mount, Black Chrome Finish



**CS-3802N - 2dBi**  
**No Spring**



**WHIP CUTTING INSTRUCTIONS FOR TUNING NO SPRING (LS) MODELS**

Cut the whip to the Tuned Length "W" in the column corresponding to the proper model, for the desired center frequency. Both metric and imperial measurements listed for convenience.

**IMPORTANT:** Before Cutting.

It is recommended to cut whip longer than the required dimension to verify actual performance.

Then trim the whip in 1.5mm (1/16") increments to fine tune the desired VSWR response.

**CUTTING NOTE:** The whip can be cut using a grinding wheel or shearing tool designed for this purpose.

The Tuned Length "W" is determined by measuring the distance between the top of the whip adapter and the top of the whip. Cut length dimension will be approximately 34mm (1 3/8") longer than Tuned Length "W".

**"W" VALUES BY MODEL**

Frequency Band (MHz)	CS-3802N Mounted on a metal surface		CS-3802N Mounted on a non-metal surface	
	mm	In.	mm	In.
381 - 430	178	7	195	7 11/16
401 - 450	167	6 9/16	172	6 3/4
441 - 490	140	5 1/2	148	5 13/16
471 - 520	105	4 1/8	135	5 5/16

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