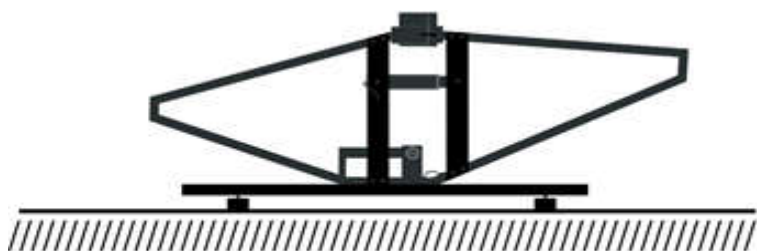


Electrical and mechanical specifications of The **STEALTH LOOP**

Electrical specifications

Continuous frequency coverage 6.6-29.8 MHz
 S.W.R. 1 : 1.3 (typical)
 Front to back ratio: 6 dB
 Front to side ratio: 25 dB
 50 Ohm input with gamma match short circuited (electrostatic discharge protection)
 Negligible noise and harmonics
 Tuning time: 4 seconds average, 10 seconds max
 Power rating: 125 W **
 Bandwidth : 5 KHz @ 7 MHz
 8 KHz @ 14 MHz
 15KHz @ 21 MHz
 25KHz @ 28 MHz
 Gain compared to $\lambda/2$ dipole (1 point "S" = 6 db)
 - 4 dB @ 7 MHz
 - 0.3 dB @ 28 MHz



****NOTE:**
 with this **LOOP ANTENNA** the peak power is equal to the continuous power

Mechanical specifications

Antenna dimensions: 1370x500x260 mm (53.94x19.68x10.24in)
 Aluminum alloy 60/60 T.I.G. welded (*Tungsten Inert Gas*)
 Tubular elements 60x20mm (2.36x0.79in)- 2mm thickness (0.08in)
 All stainless steel hardware
 Net/gross weight 10/15kg (22.05lbs/33.07lbs)

