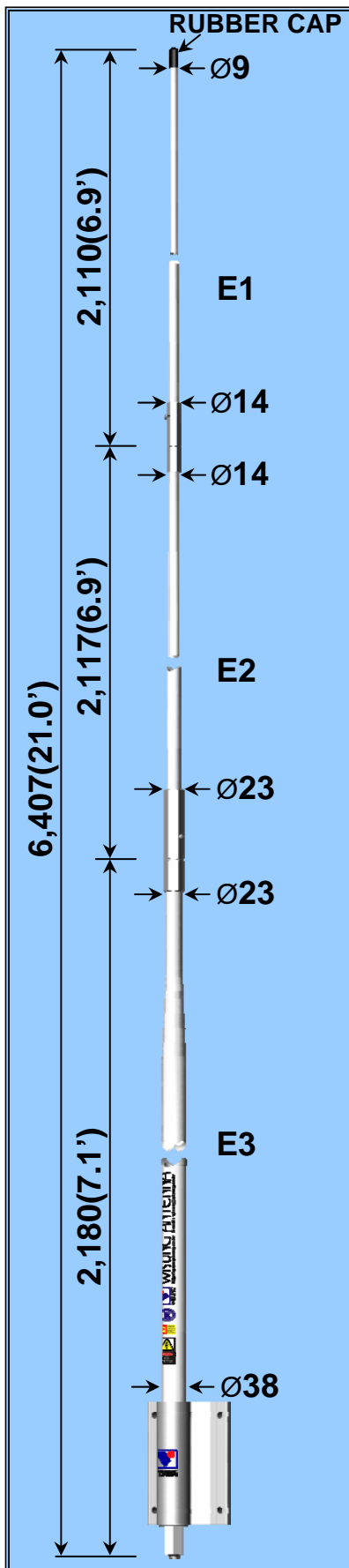


WISUNG R38MM-64.3 (21.0') MARINE MF/HF WHIP ANTENNA

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1. Description :

The R38MM-64.3 is a self supporting characteristics fiberglass MF/HF whips antenna with aluminum armature for mast mounting and RF connection female M connector.

High performance and high quality transmitting antennas for the mobile marine coastal in fishing boat with passenger plane and coast defense ship services, and duplex for simplex SSB.

Receiving antennas for MF/HF bands and SSB.

The R38MM-64.3 is our answer to the GMDSS.

This antenna can be part of any MF/HF bands communication system but is specially designed to satisfy the demands of the GMDSS.

2. Electrical specifications :

- | | |
|--------------------------------|----------------------|
| 1) Frequency range | : 100KHz ~ 30MHz |
| transmit | : 1.6MHz ~ 30MHz |
| receive | : 0.1MHz ~ 30MHz |
| 2) Permissible base HF voltage | : 18KV |
| 3) Max power rating | : 1.2KW PEP |
| 4) Polarization | : Vertical |
| 5) Radiation pattern | : Omni-directional |
| 6) RF connector | : Female M connector |
| 7) Conductive length | : 6.4M (21.0ft) |
| 8) Impedance | : 50 ohms |
| 9) Insulation resistance | : 1,000M Ω |

3. Mechanical specifications :

- | | |
|--|--|
| 1) Total height | : 21.0' (6.4M) |
| 2) Number of sections | : 3steps |
| 3) Weight | : |
| ① Section E1 | 0.35Kg |
| ② Section E2 | 0.70Kg |
| ③ Section E3 | 3.80Kg |
| 4) Total weight | 5.85Kg |
| Including, Aluminum mounting 2PCS bolt hole use bolts and nuts
U-bolt : 1.0Kg | |
| 5) Temperature range | : -55 $^{\circ}$ C to 70 $^{\circ}$ C (-67 $^{\circ}$ F to 158 $^{\circ}$ F) |
| 6) Wind loading | : 70m/s(252km/h)=156mph |
| 7) Finish | : Poly-urethane lacquer. White |
| 8) Ice build-up | : Not any effect |

4. Construction :

- 1) Antenna : White, wisung characteristic fiberglass, with whip.
- 2) Upper whip element stuff : Brass
- 3) Antenna installation proposal :
R38MM-64.3 is easily mounted to pipe bottom section by means of 6pcs bolt hole ϕ 10.5 2PCS in the aluminum mounting holes stainless steel pipe or steel pipe with U-bolt.
The U-bolt in stainless steel are included.
Stainless steel pipe size 2.0t
MAX ϕ 76 STANDARD ϕ 65 MIN ϕ 60



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