

# HW10V

# Grazioli<sup>®</sup>

antenne.com

Grazioli **HW10V** è un'antenna  $1/2\lambda$  verticale alimentata alla base, grazie alle scelte tecniche adottate può sopportare 3kW di potenza CW continui all-mode. E' possibile effettuare la taratura fine alla base agendo sul condensatore variabile ad alto voltaggio (40kV isolato in PTFE).

Grazioli **FE6V** è un'antenna  $5/8\lambda$  di costruzione estremamente robusta per impiego amatoriale o professionale, tarabile da 50 a 54 MHz è quindi in grado di coprire mediante regolazione della lunghezza l'intera banda dei 6m con SWR di 1.6:1 agli estremi.

# FE6V



Prodotti realizzati al 100% in Italia con materiali, manodopera ed ingegno italiano.

3 Anni di GARANZIA, 2 anni garanzia legale +1 di estensione.

Ulteriori dettagli tecnici sul sito [www.grazioliantenne.com](http://www.grazioliantenne.com)

Saremo presenti alla fiera dell'elettronica di **Montichiari 4-5 Settembre area Ham Radio**

## HW10V

### Electrical Data

Antenna type:  $1/2\lambda$  End Fed Dipole  
Frequency range: Tunable from 26 to 30 MHz (with Graph)  
Impedance:  $50\Omega$  Unbalanced  
Radiation type: Omnidirectional  
Polarization: Linear - Vertical  
Gain: 0 dBd - 2,15 dBi  
Bandwidth @ SWR 2:1:  $\geq 1.7$  MHz @ 28 MHz  
SWR @ resonance:  $\leq 1.2:1$ , typical  $\leq 1.1:1$  @ antenna connector  
Max. Input Power: 3000 Watts continuous all mode  
Feed system: high "Q" LC circuit, DC-Ground  
Input connector:  $50\Omega$  UHF female, PTFE insulator, gold plated pin

### Mechanical Data

Construction materials: Aluminum Alloy AW6063-T66 hard drawn tube, Fiberglass, Brass, PTFE, all hardware are made of SS AISI-304 and 316  
Wind surface area:  $0,195m^2 / 2,1ft^2$   
Wind load @ 130Km/h / 80Mph: 186N - 19 Kgf / 42 lbs  
Wind survival (no ice): 130 Km/h / 80 MPH  
Antenna height (total): 5,94m / 19,5 ft  
Radiator length: 5,38m / 17,6ft @ 26 MHz  
Mounting mast bracket:  $\varnothing 40-54$  mm /  $\varnothing 1,57"$  to 2-1/8"  
Antenna Net weight: 3,1 Kg / 6,8 lb  
Package dimensions: 14x14x145 cm / 5,5"x5,5"x57,1"

## FE6V

### Electrical Data

Antenna type:  $5/8\lambda$  GP with 4 full  $1/4$  wave radials  
Frequency range: Tunable from 50 to 54 MHz (with Graph)  
Impedance:  $50\Omega$  Unbalanced  
Radiation type: Omnidirectional  
Polarization: Linear - Vertical  
Gain: 1,5dBd - 3,65dBi  
Bandwidth @ SWR 2:1:  $\geq 3.1$  MHz @ 50MHz  
SWR @ resonance:  $\leq 1.2:1$  typical  $\leq 1.1:1$  @ antenna connector  
Max. Input Power: 2000 Watts continuous all mode  
Feed system: high "Q" air wound matching coil, DC-Ground  
Input connector:  $50\Omega$  UHF female, PTFE insulator, gold plated pin

### Mechanical Data

Construction materials: Aluminum Alloy AW6063-T66 hard drawn tube, Fiberglass, Brass, PTFE, all hardware are made of SS AISI-304 and 316  
Wind surface area:  $0,16m^2 / 1,72ft^2$   
Wind load @ 130Km/h / 80Mph: 160N - 15,6Kgf / 34 lbs  
Wind survival (no ice): 130 Km/h / 80 MPH  
Antenna height (total): 4,17m / 13,7 ft @ 50MHz  
Radials length: full quarter wave 1,4m / 4,6 ft  
Mounting mast bracket:  $\varnothing 40-54$  mm /  $\varnothing 1,57"$  to 2-1/8"  
Antenna Net weight: 3,34 Kg / 7,4 lb  
Package dimensions: 14x14x145 cm / 5,5"x5,5"x57,1"