



MADE IN ITALY since 1972

Gain-Master

Hi-Tech Fiberglass Base Station Antenna for Ham band

FEATURES

- # 0.625 λ center feeded vertical dipole
- # 1 to 2 dB higher gain than conventional 5/8 λ
- # Low radiation angle for excellent DX
- # Fiberglass 4 sections composite tube
- # DC-Ground protection
- # PLUG & PLAY, no tuning required

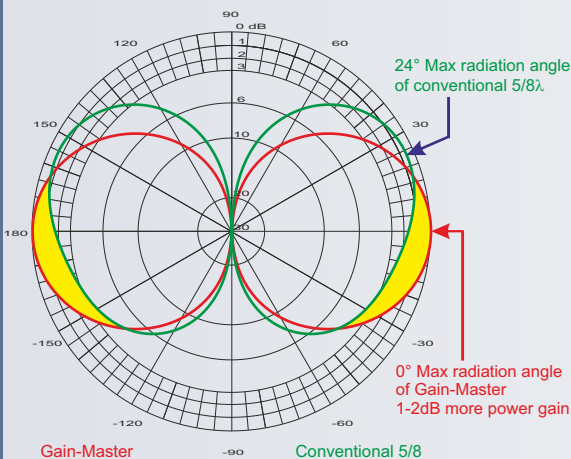
TECHNICAL DATA

Type: 5/8 λ center feed vertical dipole
 Impedance: 50 Ω
 Frequency range @ SWR \leq 2:
 25.5 - 30 MHz wide band from 10m to 12m* ham band
 Radiation: omnidirectional
 Polarization: linear vertical
 Max. power: 500 Watts (CW) continuous
 Gain: 1 to 2 dB higher than conventional 5/8 λ
 Wind resistance: w/bracing system: 160 km/h, 100 mi/h
 Height (approx.): 7360 mm, 24ft
 Weight (approx.): 3000 gr, 6.6 lb
 Connector: ... UHF-female, PTFE insulator & gold plated central pin
 Mounting mast: \varnothing 35-54 mm, \varnothing 1.4 - 2.1 in

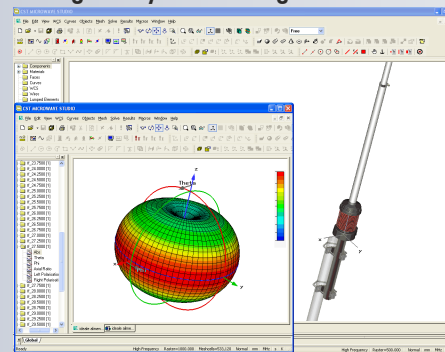
* 12m band covered with manual or automatic antenna tuner.

P/N 2113220.00 GAIN-MASTER

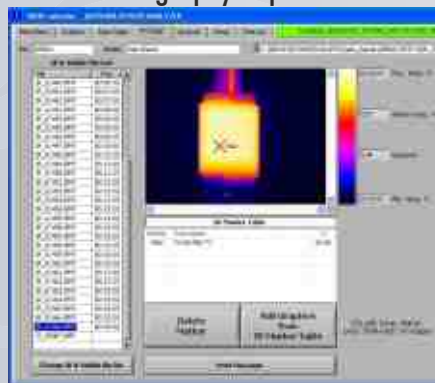
TYPICAL RADIATION PATTERN



Designed by electromagnetic simulation



Thermography of power test



PLUG & PLAY

Wideband
No tuning required



COAXIAL RF
CHOKE COIL

ALUMINIUM BRACKET
& TUBE, STAINLESS
STEEL HARDWARE

WARNING

INSTALLATION OF THIS PRODUCT NEAR POWER LINES IS DANGEROUS. FOR YOUR SAFETY AND BEFORE YOU BEGIN INSTALLATION, READ THE SEPARATE SAFETY INFORMATION SHEET.

More technical information on: www.gain-master.it
Gain-Master™ is a registered Trade Mark of SIRIO antenne s.r.l.



MADE IN ITALY since 1972

Gain-MasterTM HW

Hi-Tech Fiberglass Base Station Antenna for Ham band

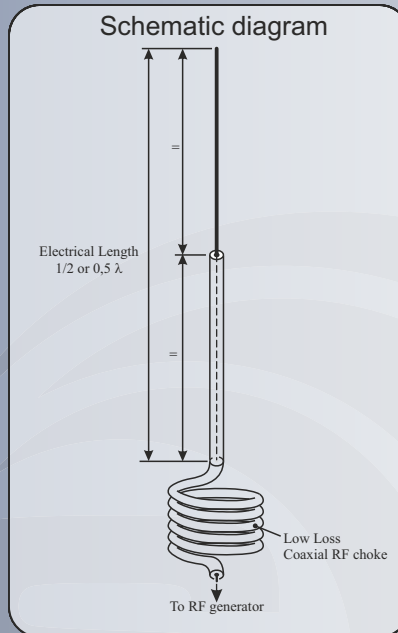


FEATURES

- # 0.5 λ center feeded vertical dipole
- # Tunable Base station antenna
- # Omnidirectional
- # Low radiation angle for excellent DX
- # Fiberglass 3 sections composite tube

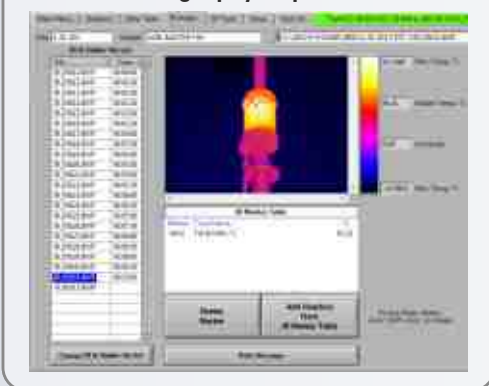
TECHNICAL DATA

Type: 1/2 λ center feed vertical dipole
 Impedance: 50 Ω
 Frequency range: 27.2 ... 30MHz tunable
 Radiation: omnidirectional
 Polarization: linear vertical
 Max. power: 500 Watts (CW) continuous
 Bandwidth @ SWR ≤ 2: 1.8 MHz @ 27.2 MHz
 Gain: 0 dBd, 2.15 dBi
 Wind resistance: 160 km/h, 100 mi/h
 Height (approx.): 5560 mm, 18.2ft
 Weight (approx.): 1600 gr, 5.76 lb
 Connector: ... UHF-female, PTFE insulator & gold plated central pin
 Mounting mast: Ø 35-54 mm, Ø1.4 -2.1 in



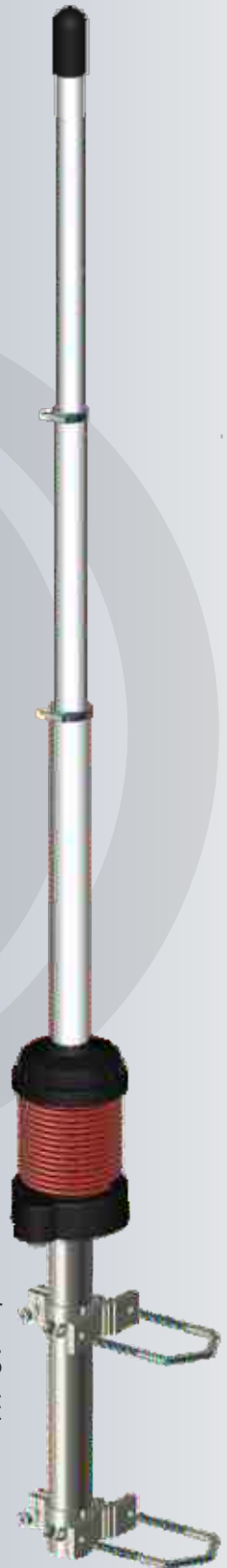
P/N 2113120.00 GAIN-MASTER HW

Thermography of power test



COAXIAL RF CHOKING COIL

ALUMINIUM BRACKET & TUBE, STAINLESS STEEL HARDWARE



WARNING

INSTALLATION OF THIS PRODUCT NEAR POWER LINES IS DANGEROUS. FOR YOUR SAFETY AND BEFORE YOU BEGIN INSTALLATION, READ THE SEPARATE SAFETY INFORMATION SHEET.

Gain-Master^{series}

Hi-Tech Fiberglass Base Station Antenna for Ham band

Model Year 2024

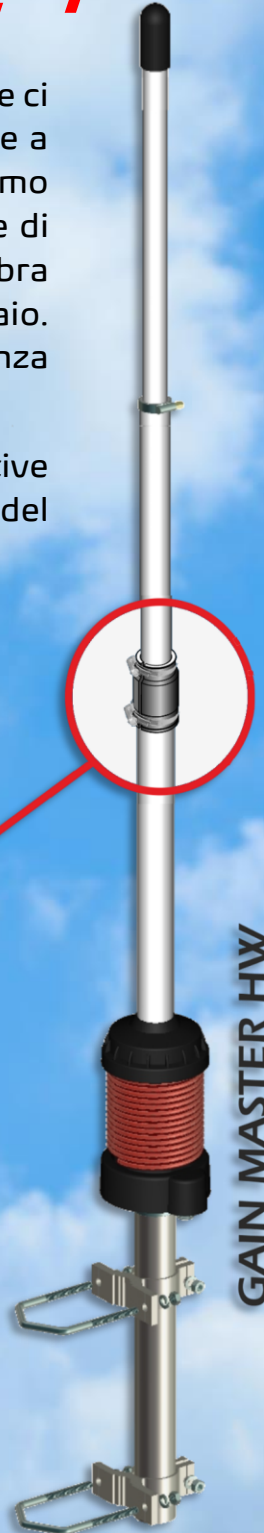
Migliorare i nostri prodotti è da sempre un obiettivo che ci prefissiamo come primario. Anche un piccolo particolare a volte fa la differenza e, forti di questa convinzione, abbiamo aggiornato uno dei nostri best-seller, con l'applicazione di un manicotto in materiale plastico PA6 rinforzato con fibra di vetro fissato tramite una coppia di fascette in acciaio. Utilizzando tale manicotto, si ottiene un'ottima resistenza meccanica alle sollecitazioni.

L'aggiornamento dei materiali e delle modalità costruttive ci permette di presentare un nuovo step evolutivo del prodotto

GAIN MASTER



GAIN MASTER HW



SIRIO[®]
antenne

Sirio Antenne – Via Liguria, 15 46049 Volta Mantovana MN
Tel 0522 – 1750010 - commerciale@sirioantenne.it