

## HF Base Station Antennas



### HF Vertical Whip Antenna Codan 406

The CODAN 406 series Guyed Vertical Whip HF antennas are designed for installation on buildings or open ground and are suitable for most CODAN HF SSB transceivers operating with a 9103 antenna tuner.



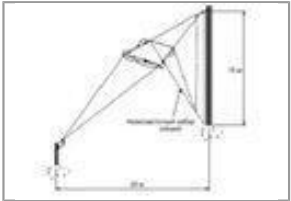
### HF Traveling Wave Dipole Antenna Codan TWD215/315/525

The HF Traveling Wave Dipole Antenna is efficient for short to medium distance communications. Its radiation patterns are generally omni-directional, resulting in a consistent coverage over the frequency range. Designed in three models to cover the HF spectrum, this antenna is rated to 1kW (PEP) voice and data.



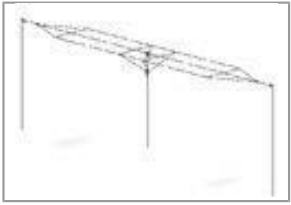
### **HF Delta Loop Antenna D230/330**

The HF Delta Antenna is a high performance, omni-directional, broadband antenna that is suited to base-to-base or base-to-mobile communication over short to medium distances.



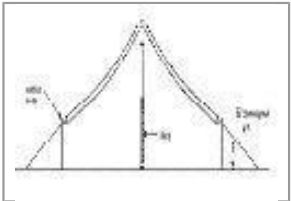
### **HF Semi-Delta Antenna Codan SD214**

The HF Semi-delta Antenna is a high performance, omni directional broadband antenna that performs well over short to medium distances. Generally this antenna requires a large cleared area at ground level for installation, and is more suitable for permanent fixed site installations.



### **HF Multi-Wire Broadband Dipole Antenna Codan 463**

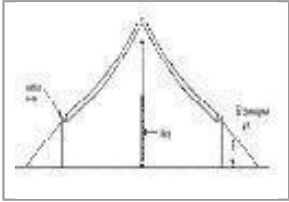
The Codan code 463 series HF Multi-wire Broadband Dipole Antenna is a 3-wire terminated folded dipole antenna designed for broadband operation in fixed stations. It is available in multiple power levels up to 1 kW. The antenna can be mounted horizontally between two support systems, or as an inverted "V" using a single central support mast.



### **HF Broadband Multi-wire Dipole Antennas BBA-120, BBA-120E**

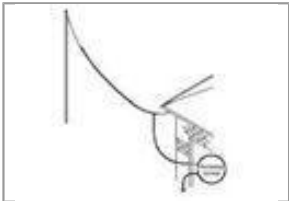
High efficiency HF broadband multi-wire base antenna. Sturdy stainless steel and fiberglass construction, can be mounted horizontally or as inverted V. Supplied with 30m

of co-axial cable  
and instructions.



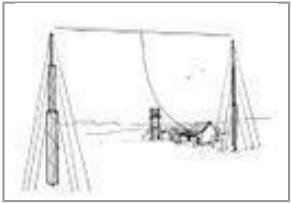
**HF Broadband  
Multi-wire  
Dipole Antenna  
BBA-500,  
BBA-500/E,  
BBA1000,  
BBA1000/E**

HF Broadband  
multi wire base  
dipole antenna.  
Sturdy stainless  
steel and  
fibreglass  
construction, can  
be mounted  
horizontally or as  
inverted V.  
Supplied with 30m  
of coaxial cable  
and instructions.



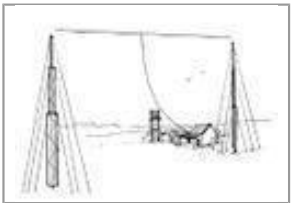
**HF Long Wire  
Antenna Codan  
403**

The CODAN 403  
HF Long Wire  
Antenna may be  
used for either  
temporary or  
permanent fixed  
station  
installations, and is  
suitable for multi  
frequency  
operation with  
most transceiver  
systems with a  
CODAN 9103  
antenna tuner.



**HF Fixed  
Broadband  
Dipole Antenna  
- Single Wire  
Q-MAC QM7001**

Q-MAC QM7001  
broadband HF  
dipole antenna  
offers simple  
installation in a  
fixed base station  
application.



**Fixed  
Broadband HF  
Dipole Antenna  
- Multi-Wire  
Q-MAC QM7002**

The Q-MAC  
QM7002 Fixed  
Broadband Dipole  
Multi-wire HF  
Antenna offers  
improved  
efficiency in a fixed  
base station  
application.

**HF Base Station Antennas**

[http://hf-ssb-transceiver.at-communication.com/en/hf\\_ssb\\_antennas\\_stationary.html](http://hf-ssb-transceiver.at-communication.com/en/hf_ssb_antennas_stationary.html)