

## Technical Details

- *Our Smart Antenna is tuned using our iPX30 Antenna Analyzer (HF radio NOT needed) for a Precise measured tune reading.*
- *Stored Memory band setting.*
- *Antenna power rating is .1 to 100 watts 40 watt Digital.*
- *No extra data or power cables needed. All communication through single coax up to 500 feet.*
- *Total power requirement 9V battery or 6-14VDC in Antenna analyzers/controller. No battery in antenna.*
- *Latching relays used so antenna is locked to frequency when power is removed*
- *Antenna tuning to SWR 1:4:1 or better and impedance near 50 ohm*
- *Carbon Fiber elements are exceptionally strong and ultra light weight*
- *Shock-corded elements for easy and repeatable assembly*
- *Data/Power LED indicator on antenna.*
- *Best of all antenna analyzers/controller can be used as a fully functional Stand alone HF antenna analyzer 160M to 10M. (400kHz to 32MHz)*



***iPortable***

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***iPortable***

***Smart Tactical Antennas***



***Our antennas are designed for Tactical, Emergency and Fast-Response situations***

# ***iPortable Antenna Components***

**The iPortable HF antenna is a lightweight and rugged HF antenna that quickly tunes itself at a push of a button.**

**Imagine a 5 band tuned antenna set-up in less than 5 minutes. Our Smart Tactical Antennas are suitable for Ground-to-Air or Ground-to-Ground communications over 13.5MHz to 32MHz HF Frequency range with preset bands 10M, 12M, 15M, 17M, and 20M**



***iPX30 Antenna Controller and HF Antenna Analyzer***



***100 Watt AutoTuner Mounted at antenna feed***



***Latching Relay***



***Aluminum main tube Shock-corded***



***Carbon Fiber Stingers Shock-corded***



***1:1 Current Balun***