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)

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Our antennas are designed for Tactical, Emergency and Fast- Reaction situations.
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.