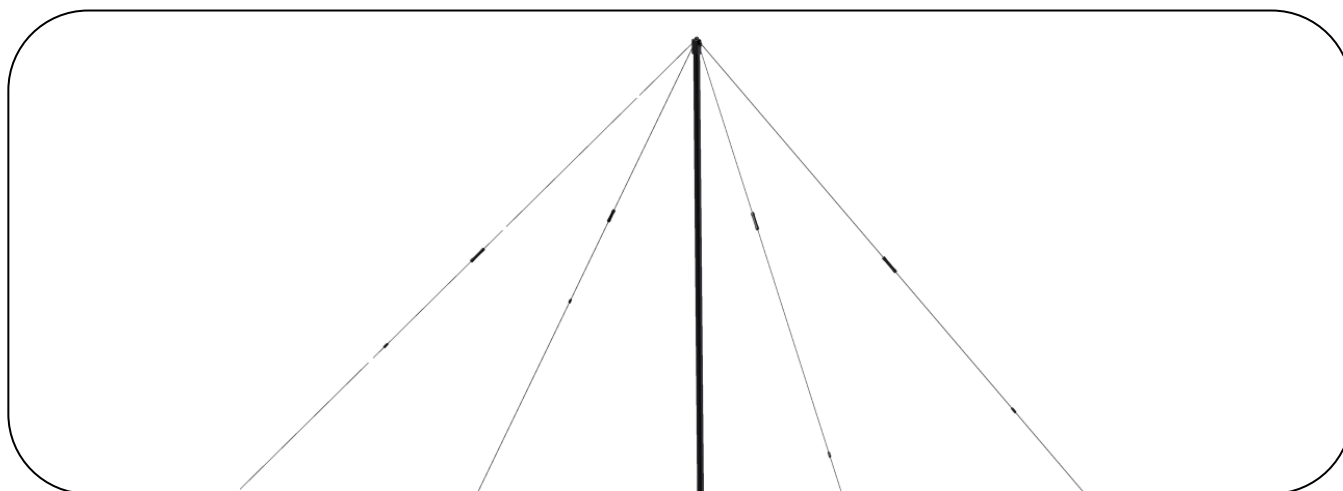


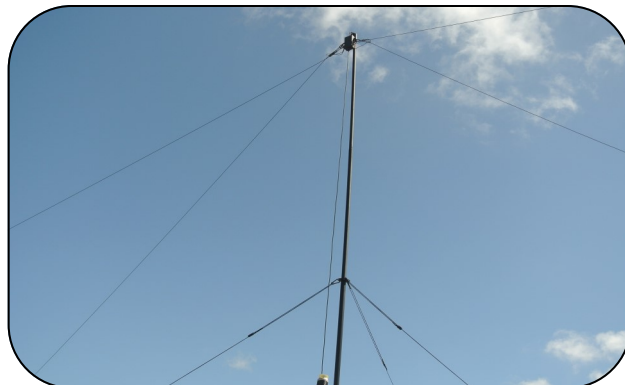
HF Tactical Deployable Antenna



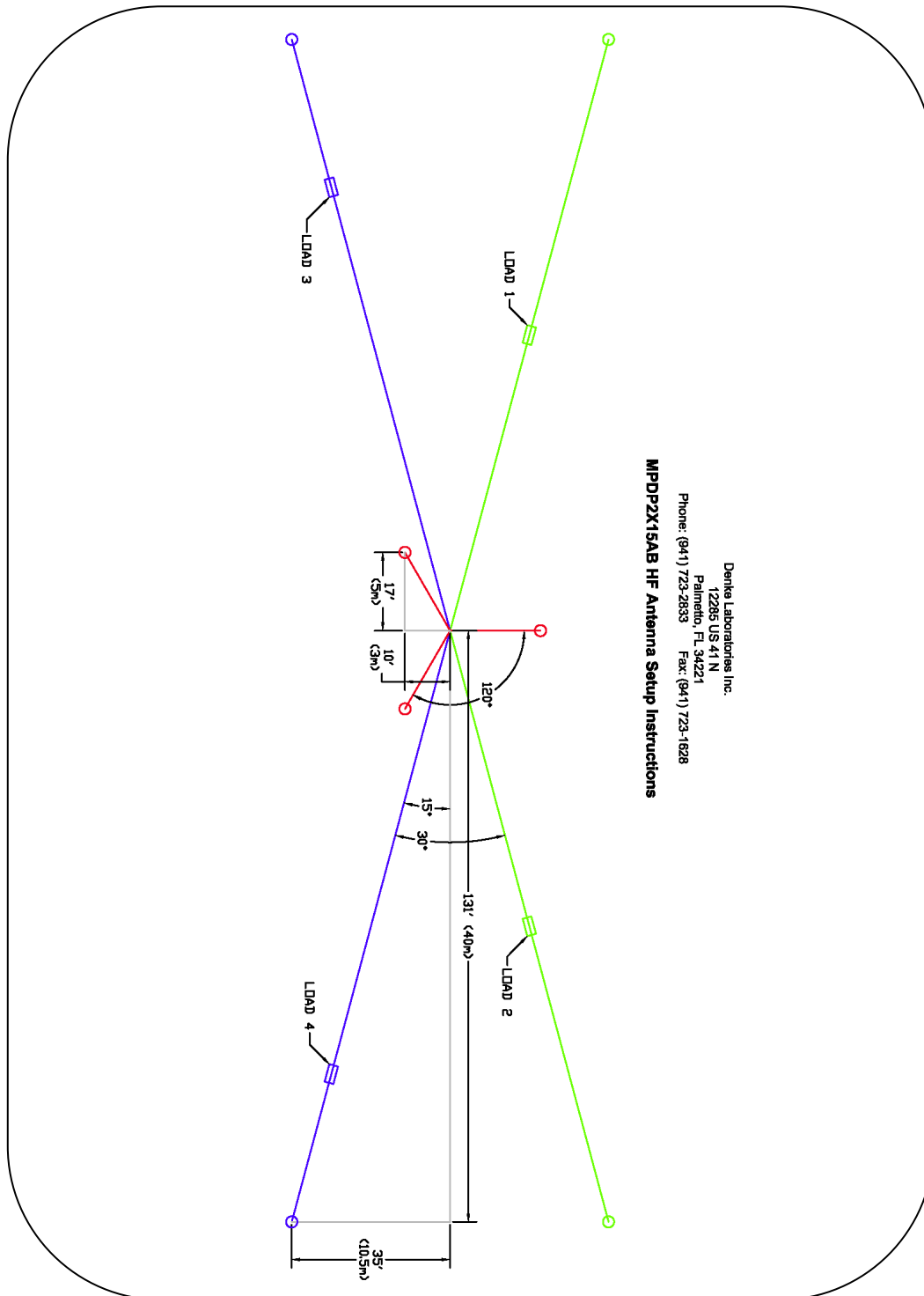
The HF Tactical Deployable Backpack "Spider Web" antenna is designed to be a light weight, single man carry, and erectable fan dipole for all radios within the 2-30 MHz band. The antenna is highly adaptable in a tactical environment and can be erected and in operation within minutes by a single operator. The center matching network can be hung from a tree, eaves of a building, fiberglass mast, or places atop large builders or mounds of earth.



HF Tactical Deployable Antenna



HF Tactical Deployable Antenna



Made in the USA
ISO 9001:2008 Certified
(1Y13800)

P.O. Box 909, Palmetto, Florida 34220-0909
Tel: 941-723-2833 • Fax: 941-723-1628
www.hascall-denke.com

HF Tactical Deployable Antenna

Specifications

ELECTRICAL:

Frequency Range: 2-30 MHz

Instantaneous Band Width: 28 MHz

VSWR: < 3.5:1 across frequency band (Requires no tuner.)
Four each VSWR smoothing networks included.

Input Impedance: 50 Ω Nominal

Power: 200 Watts Max CW

Input Connector: Type N Female

Feed Cable: 50 Ω (Customer specified length.)

Configurations: Standard Fan Dipole,
Sloping Fan Dipole/Inverted "Vee",
Two Orthogonal dipoles.

MECHANICAL:

Mounting Height: 20 ft. (6.1 m) Recommended.
(Adaptable to tactical environment.)

Max Dipole Length: 234 ft. (71.3 m)

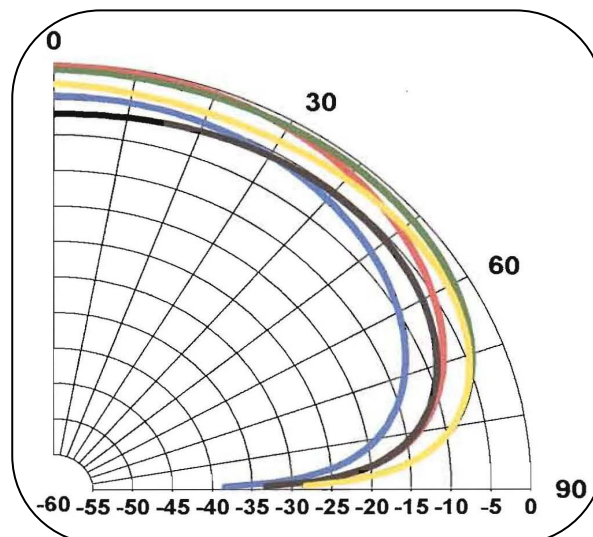
Erection Time: ~ 10 Min. (One person.)

Operational Temps: -55° to +180°F
(-48° to +82°C)

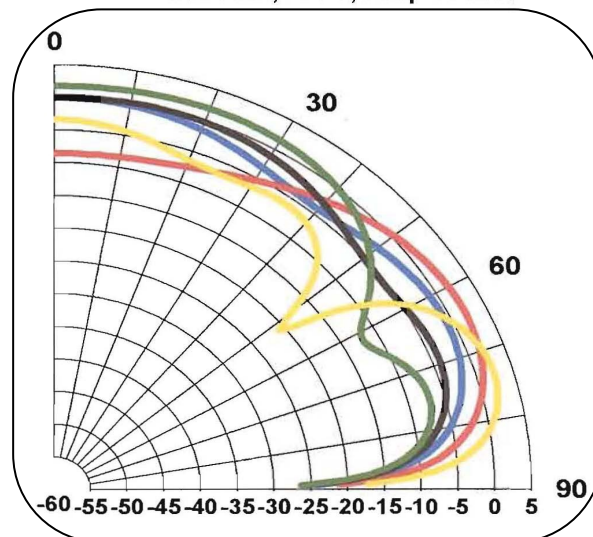
Maximum Wind Load: 80 mph (129 km/h)

Weight: < 12 lb. (5.4 kg)

Color: Green/Tan



— Total Gain, $\Phi=0$, Freq=2 MHz
— Total Gain, $\Phi=0$, Freq=5 MHz
— Total Gain, $\Phi=0$, Freq=8 MHz
— Total Gain, $\Phi=0$, Freq=11 MHz
— Total Gain, $\Phi=0$, Freq=14 MHz



— Total Gain, $\Phi=0$, Freq=17 MHz
— Total Gain, $\Phi=0$, Freq=20 MHz
— Total Gain, $\Phi=0$, Freq=23 MHz
— Total Gain, $\Phi=0$, Freq=26 MHz
— Total Gain, $\Phi=0$, Freq=30 MHz

Gain (dBi):

Antenna Pattern Gains for Typical Installation Shown

- *Antenna center mounted 30ft off ground
- *Wire end at insulators are mounted 6ft off ground
- *Wire ends at insulators
- *Antenna mounted over average soil

****All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.**

****Specifications are subject to change without prior notice.**



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