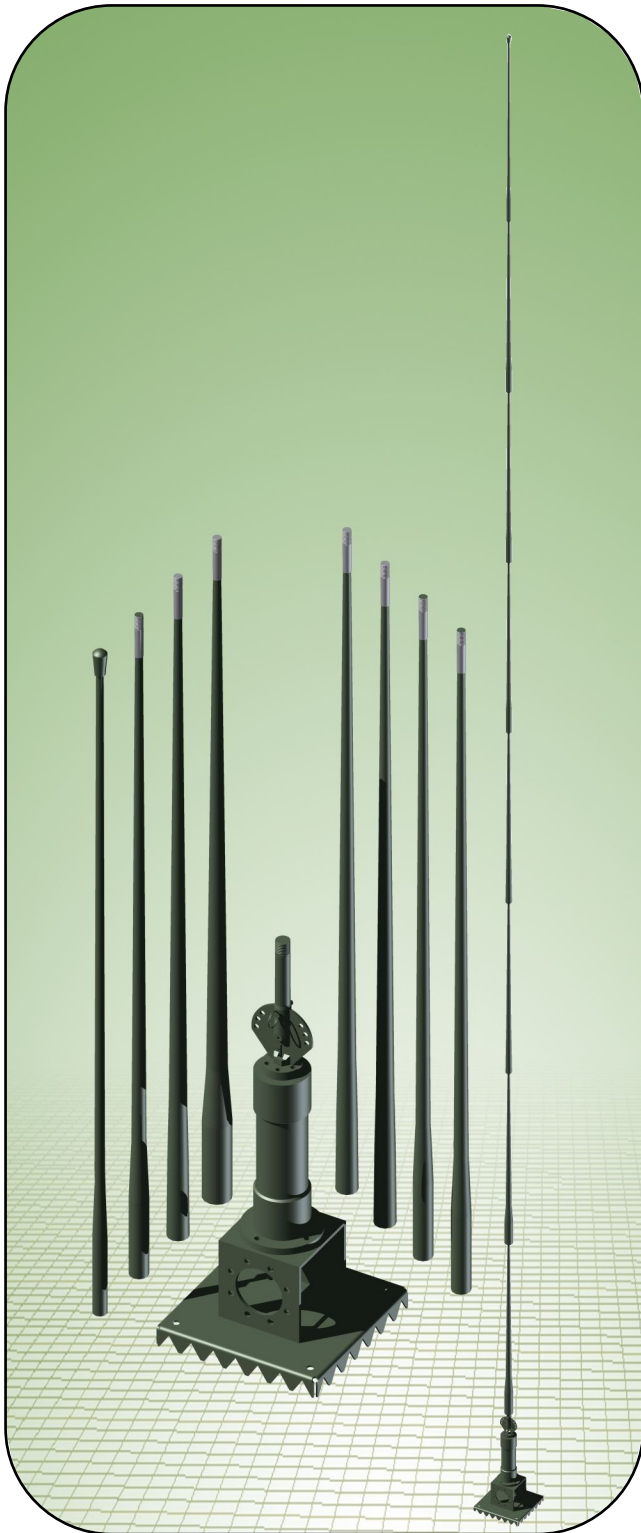


Tactical HF Antenna



The TDMP2X30 is designed to enhance the capabilities of the common HF tactical radio application by allowing tuner-less operation across the HF band. This antenna base has integral broadband impedance matching allowing broadband waveforms to be utilized even after the addition of higher power amplifiers.

Additionally, this antenna will cover 2-60 MHz with a VSWR of less than 3.5:1. For more efficient operation in the 2-5 MHz region of spectrum an accessory tuner is included to provide a lower VSWR required by some tactical transceiver products. The tuner can be located anywhere between the transceiver output and the input of the common mode choke. The tuner requires a DC voltage source of 11-16 Volts DC @ 750 mA. The connector provided with the antenna is a type N Female other connectors available upon request.

A 32ft (9.75 m) fiberglass whip, consisting of eight screw together sections, is mounted on top of a tilting whip adapter. The base matching unit is also provided with a cable assembly that includes a common mode RF choke.



Tactical HF Antenna

Specifications

ELECTRICAL:

Frequency Range:	2-60 MHz
Gain:	Unity
VSWR:	3.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	200w
Polarization:	Vertical
Input Connector:	N-Female
Tuner:	Included
EMP Protection:	Yes
High Voltage Protection:	20KV
High Voltage Static Protection:	Yes

MECHANICAL:

Overall Length:	34' 10'. (10.61m)
Width:	20.5 in. (521mm)
Operational Temps:	+14° to +131°F (-10° to +55°C)
Storage Temps:	-4° to +160°F (-20° to +71°C)
Color:	Green, Tan, Black, Other
Mounting:	12x12 in. Mounting Plate with Teeth and 6 in. Riser
Compliance:	Built to meet MIL-STD—810F

****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.**



Made in the USA
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