

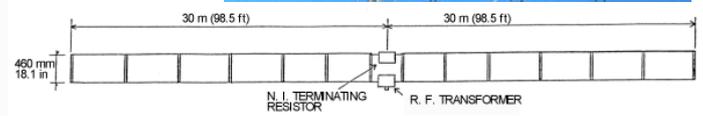
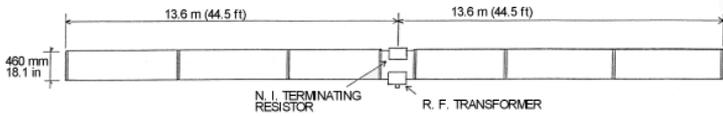
# TACTICAL&FIXED HF ANTENNA SYSTEM 1.8 TO 30 MHz.

## BROAD-BAND HF DIPOLE

Mod. 1830/D-M & 1830/DL-M

It is two antennas, composed of a wire dipole folded and terminated, with RF transformer. They don't require any tuner in 1.8 – 30 MHz spectrum. Mod. /D-M is 27 m ( 88.6 ft. ) long and Mod. /DL-M is 60 m ( 196.8 ft. ) long. Furthermore Mod. /DL-M is fitter for operations on low frequency whereas Mod. /D-M on the high one.

They can be assembled in V-inverted, horizontal or sloper version. They don't require particular heights, and a 6 to 12 m ( 19.6 to 39.2 ft. ) support is suitable.



### MECHANICAL-ELECTRICAL FEATURES

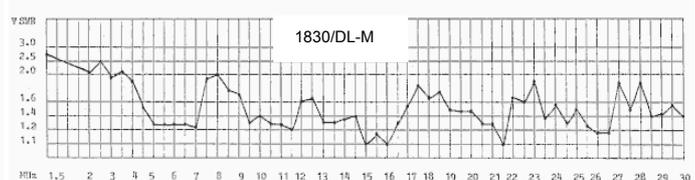
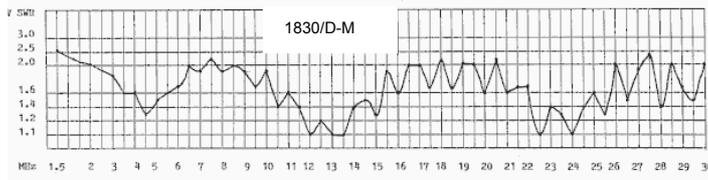
- Continuous covering
- Maximum applicable power
- SWR
- Impedence
- Connector
- Length
- Net weight
- Maximum speed of wind
- Shipping Wt.
- Operating temperature range
- Storage
- Box ( wood case )

### 1830/D-M

27 m (88.6 ft)  
4 Kos. (9 lbs)  
14 Kos. (31 lbs)

### 1830/DL-M

1.8-30 MHz  
1 Kw PeP  
See graph  
50 Ohms  
N female  
60 m (196.8 ft)  
6 Kos. (13.2 lbs)  
16 Kos. (35 lbs)  
-30 - +60 °C  
-40 - +85 °C  
cm 86 x 54 x h 15 (33.8 x 21.2x h 5.9 in)

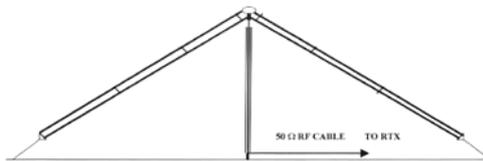


Mod. 1830/D AND 1830/DL

### INSTALLATION TYPOLOGY

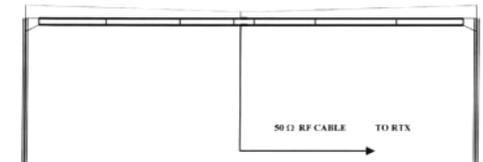
#### INVERTED-V

- OMNIDIRECTIONAL
- HORIZONTAL/VERTICAL POLARIZATION
- CENTRAL SUPPORT OF 6 TO 12m ( 20 TO 40 ft. )
- ANTENNA EXTREMES OF 1.5 TO 2m ( 5 TO 7 ft. )



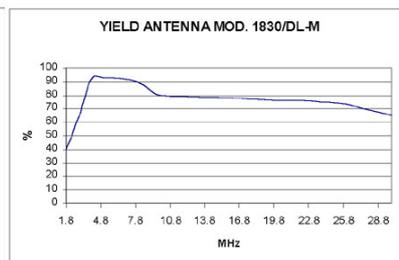
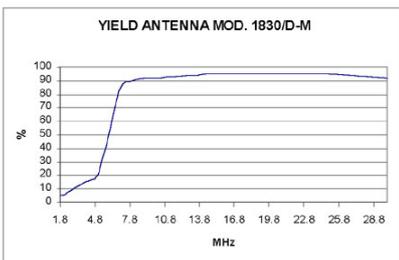
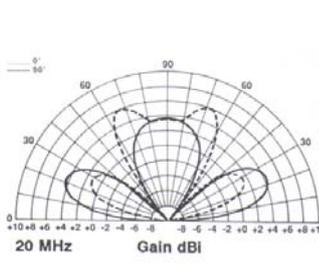
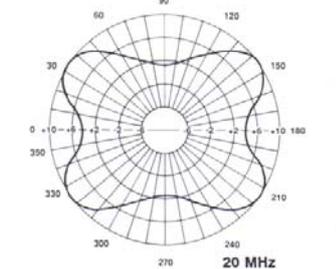
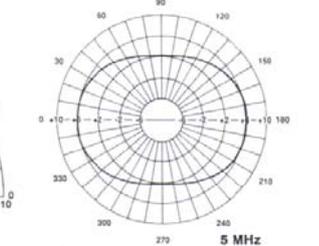
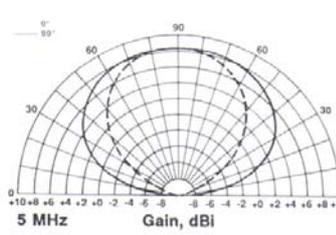
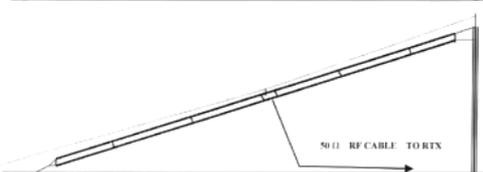
#### HORIZONTAL INSTALLATION

- BIDIRECTIONAL AS A DIPOLE
- HORIZONTAL POLARIZATION
- SIDE SUPPORTS OF 6 TO 12m ( 20 TO 40 ft. )
- ( - - - - ) INSULATING SUPPORT ROPE



#### SLOPER

- OMNIDIRECTIONAL
- HORIZONTAL/VERTICAL POLARIZATION
- SUPPORT OF 6 TO 12m ( 20 TO 40 ft. )
- ANTENNA EXTREME OF 1.5 TO 2m ( 5 TO 7 ft. )
- ( - - - - ) INSULATING SUPPORT ROPE



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