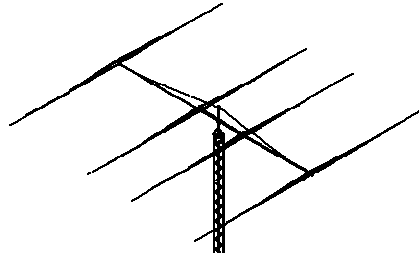


40M4LLDD



SPECIFICATIONS

Model	40M4LLDD
Frequency range	7.0 to 7.3 MHz
Gain over dipole	5.36 dBd / 7.5 dBi
Front to back	22 dB / Height dependent
Front to side	30 to 45 dB by ht.
Beamwidth in Az	60°
Feed imp/ Conn type	50 Ohms/ SO-239
VSWR	1.2:1 typ. 2:1 max.
Power Handling	3 kw or specify
Boom length and diameter	42' 2" / 3 X .125 wall
Element length	51 ft. Max
Turning radius	33 ft.
Mast Size	2" to 3" in. nom. or specify
Wind Area / Survival	13 sq. ft. / 100 mph
Weight / Shipping Wt.	142 lbs. / 152 lbs.

FEATURES

The **NEW** Dual-Driven Linear-loaded 40M4LLDD gets the bandwidth and maintains the performance that no other reduced size antenna can offer. This huge challenge required the latest techniques in computer optimization. It is now better electrically and mechanically and easier to assemble. Now, only the element tips do the tuning. Two tuning options are offered, "Full Band: and "Low end accentuated" but still broad band. The resulting design is head and shoulders above the competition in strength, durability, and performance...a package designed to meet your CW crossband SSB contesting needs and give you years of enjoyment on the 40 meter band.

Mechanically, all the elements have sleeved butts for additional strength and are clamped between massive CNC machined aluminum (6061-T6) element mounting plates which **WILL** defy Mother Nature! The Driven elements are split and insulated with a 1-1/4" dia. solid fiberglass rod and fed with a weather sealed coaxial 1:1 balun rated for 3 kW continuous, 5 kW peak duty. All hardware, except U-bolts, is stainless steel.

The Linear loaded elements are 3/16 inch aluminum rod (6061-T6), elevated slightly at boom center to reduce inductive cancellation (requiring **LESS** loading), improve ice loading survival, reduce mechanical stress, and minimize element droop. In the air, the antenna is easily mistaken for a 15 or 20 meter Yagi. Believe it... This not just another 40 meter Yagi !