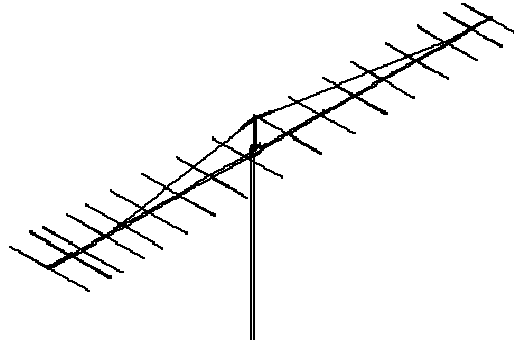


2M5WL Yagi Antenna



SPECIFICATIONS

Model	2M5WL
Frequency range	144 - 148 MHz
Gain	14.7 dBd
Front to back	22 dB Typical
Beamwidth	E - 26°, H - 29°
Feed impedance / Conn	50 Ohms / 'N' female
VSWR	1.2:1 Typical
Power Handling	1.5 KW
Boom length	33' (5 Wavelength
Boom diameter	1-1/2, 1-1/4" 1 & 3/4
Stacking Distance	H=14' E=14'
Maximum element length	17 x 3/16" rod
Turning radius	18' 9"
Wind Area	2.7 SQ FT.
Mounting / Mast Size	H OR V, 2" Nom.
Weight / Sh / weight	13 lbs / 14 lbs x UPS

FEATURES

The 2M5WL is designed with the SERIOUS "Weak Signal" enthusiast in mind. It provides excellent gain for minimum weight and windload yet is strong enough to survive 100+ mph winds. The modified folded dipole driven element is also unique as it's center is a CNC machined block of aluminum fitted with 'O' ringed connectors and access cap. After factory assembly, the block is filled with a space age silicone gel which further seals and increases dielectric breakdown and arc-over protection. The 3/16" rod elements mount through the boom on UV stabilized button insulators. All hardware is stainless steel except for U-bolts. A vertical riser and an overhead Dacron cord guy system is supplied for boom support. This antenna is widely used in EME (W5UN"s 48 2M5WL"s and many others) and large Tropo scatter arrays.

Several optional items are available to provide more gain from your 2M5WL"s. 2 and 4 port power dividers are available for matching stacks of 2 or 4 antennas. 50 Ohm phasing lines model VHF-50-2M5WL2 and VHF-50-2M5WL4 can be ordered for phasing 2 or 4 antennas together. "H" frames, OR-2800 and MT-3000 Az and El rotators are also available as well as Rohn and US towers.