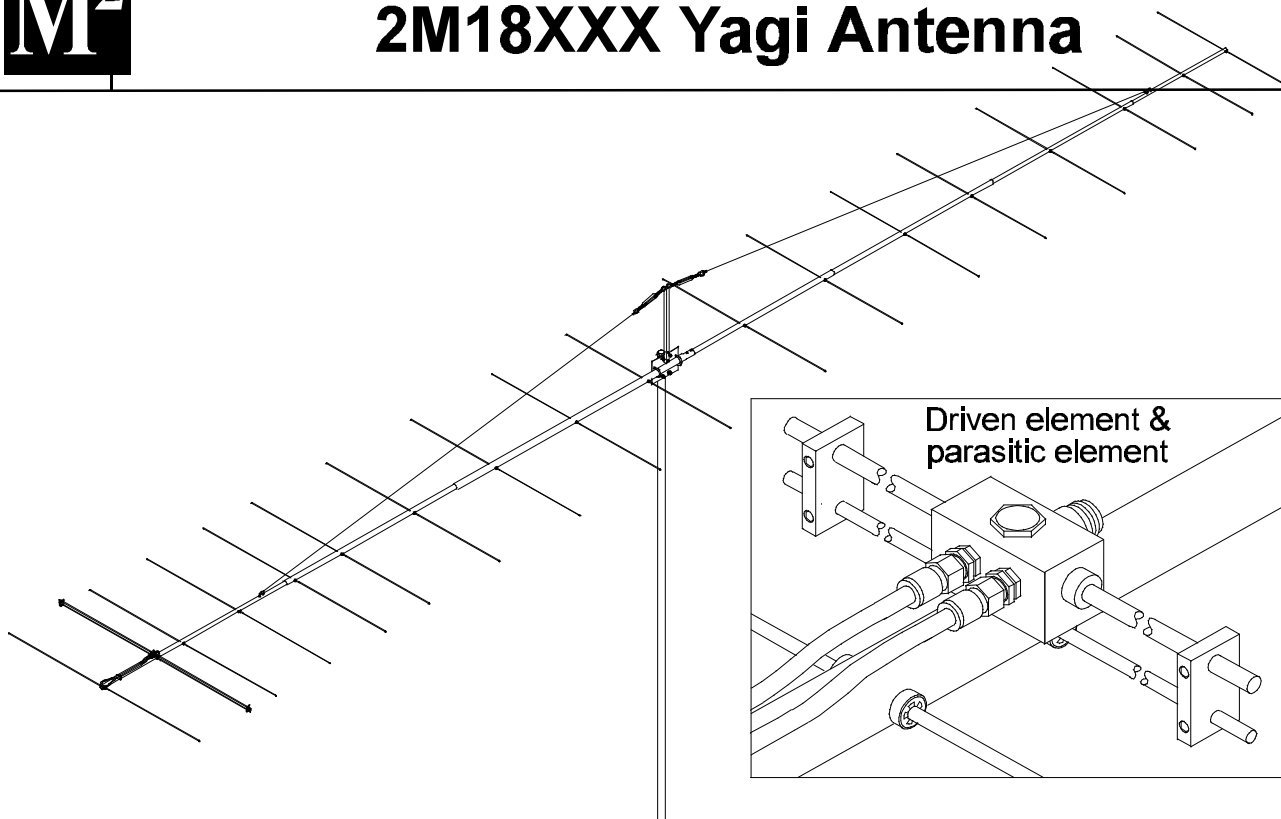




2M18XXX Yagi Antenna



SPECIFICATIONS

MODEL NUMBER	2M18XXX
FREQUENCY RANGE	144 -146 MHz
PEAK GAIN.....	15.3 dBd
FRONT TO BACK.....	25 dB
VSWR.....	1.2:1
BEAMWIDTH.....	E - 25° H - 29°
FEED IMP. / CONN.....	50 \downarrow / 'N'
POWER HANDLING	1.5 KW
STACKING DISTANCE	E=14', H=13'
BOOM LENGTH / DIA.....	36' 3" / 1-1/2, 1-1/4, 1, 3/4"
ELEMENTS / SIZE.....	18 / 3/16" ROD
WIND AREA	2.9 SQ. FT.
TURNING RADIUS	19' 6"
MOUNTING / MAST SIZE.....	H OR V / 2" NOM
WEIGHT / SHIP WEIGHT.....	14 LBS / 15 LBS UPS

FEATURES

The new 18LBXXX has been extensively range tested and features more peak gain where you want it, better sidelobes, and better front to back than any other antenna on the market. It is ideal as a stand-alone antenna or as a DX building block in an array. Mechanically M² has integrated its computer optimized construction and unique driven element module with the time-tested 18XXX design. The aluminum CNC machined module features 'O' rings seals on all 3 connectors. The 'N' connector with its Beryllium copper, gold plated center pin reduces losses to a bare minimum. Factory assembled, the module is finally encapsulated in a space age silicon gel that seals out moisture and increases the dielectric strength to nearly 4 times that of air. All hardware is stainless steel except for U-bolts. The 2M18XXX delivers top-notch performance and long term mechanical and electrical integrity.