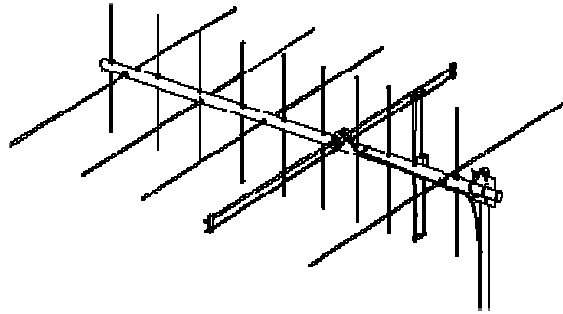


2M5-440XP



SPECIFICATIONS

Model	2M5-440XP
Frequency range	144-148 / 430-450 MHz
Gain	9 dBd (2M) & 12 dBd (440 MHz)
Front to back	15dB (2M) & 25 dB (440 MHz) TYPICAL
Feed impedance	50 OHMS, Unbalanced
VSWR	1.3:1 OR Better
Connectors	'N' Female
Power Handling	1.5 KW (2M) - 750 W (440 MHz)
Boom length	59.375" & 57.962"
Elements	5 (2M) - 10 (440 MHz)
Input Connector	'N' Female
Mounting	Rear or Center
Mast Size	1-1/2 & 2 INCH
Polarity	Your Choice
Wind Load	1.1 SQ. FT.
Wind Survival	100 MPH
Weight / ShipWt.	5.5 lbs. / 7 lbs. UPS

FEATURES

The 2M5-440XP is ideal for linking repeaters and remote bases utilizing both 2 meters and 440MHz. Elements are cross polarized to avoid the severe performance compromises on 440 Mhz common to other dual band antennas that have all elements in the same polarity. The XP also works well on the OSCAR frequencies and is handy wherever dual band capability and compact size are required. Recently, with PACKET users finding horizontal polarization better on 2 meters, it has become even more useful.

Construction is designed for long term mechanical and electrical integrity. The heart of this antenna is CNC-machined driven element block. Connectors are O-Ring sealed and the internal connections are encapsulated in a space-age silicone gel with nearly 4 times the dielectric strength of air. Balun connectors are triple sealed and nut-sealed at the block connectors. Elements are 3/16 6061-T6 aluminum rod, centered through the boom on UV stabilized insulator buttons. All hardware except U-bolts is stainless steel (S.S. nuts and lock washers are supplied for them, too).