

New 10M antennas that fit NMO mounts

ORF/3730 Group can provide its members with an excellent 10M (or CB) antenna. The antenna consists of a Larsen NMO34 coil and a 64" whip. This combo puts the antenna bang on 28.9 MHz, with 1:1 VSWR. The 64" whip gives good efficiency. (This version works far better than the NMO27 with the 49" whip that Larson specifies for 10M use.) The longer the whip, the better the efficiency. The only thing better is an 8 foot whip, but not everyone has a convenient mount for that. The NMO34 coil will fit any NMO mount and is interchangeable with any NMO mount antenna. (The CB version is the NMO30 w/64" whip.) Both antennas are only rated for about 200W, so QRO linears can't be used. Use your 8' whip for that!

Our version uses a W640 whip (65 inches) cut to resonance with the appropriate coil, NMO34 for 10M, NMO30 for CB. Maximum height will be approximately 70". This longer whip lowers the resonance of the coils and matches 10M perfectly. I cut my whip for 28.850 MHz and this covers the entire 10M band with a < 2:1 VSWR at the band edges.



Low band coil and field
tunable black whip/spring
for 28 -30 MHz.
Resonates at 28.8 MHz

MODEL	FREQUENCY (MHz)
NMO34B	28 -30
SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	Base loaded 1/4 wave
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	1.5%
BANDWIDTH @ 2.0	3%
COIL	34 MHz
POWER RATING	150 Watts
COLOR	Black
WHIP	W640B, .100 tapered
COAX	Order separately
MAX HEIGHT	70"

Ed, VA3ES has both and says "the 10M version works great!!!!" He worked a VK2 from his car, with his little 10M portable H-T all-mode, 8W PEP. The VK gave him a 56 and Ed gave him a 59. Currently several ORF members are using this antenna, and are raving about its performance!

Price is approximately in the \$100. range and is available from **Professional Radio Service**, Sean Huntley, VE3HXP, 613-258-9094