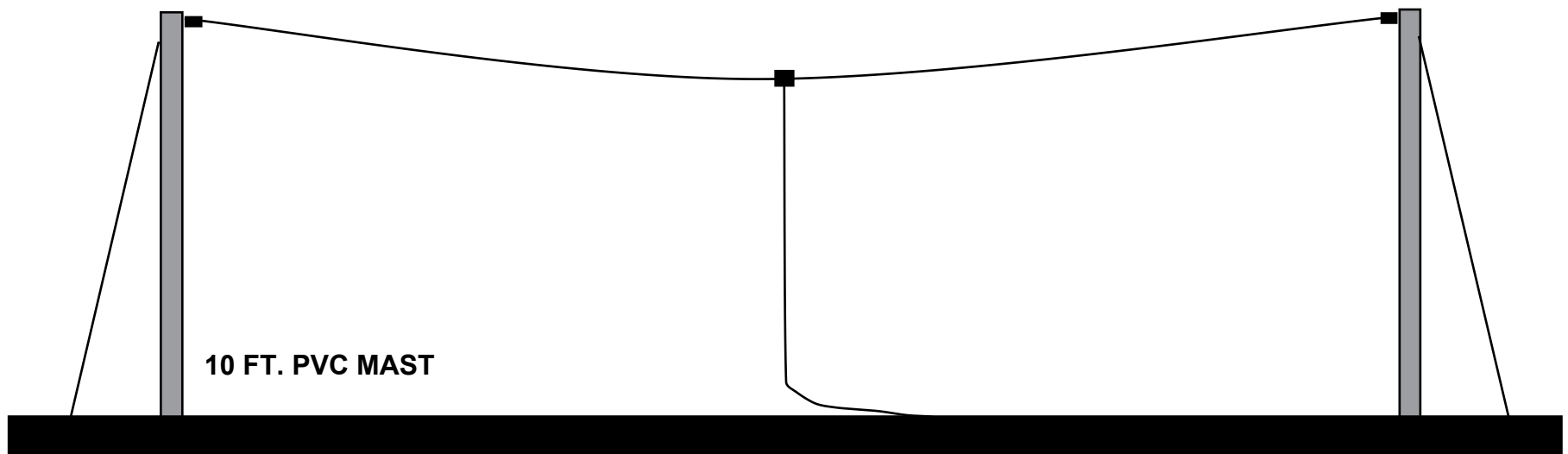# NVIS 75m DIPOLE CROSS-SECTION

OVERALL LENGTH OF HALF-WAVE DIPOLE FOR 3.900 MHZ = 120 FT. (EACH LEG = 60 FT.)

TYPICAL HEIGHT ABOVE GROUND = 10 FT.

10 FT. PVC MAST

FORMULA FOR CALCULATING LENGTH OF HALF-WAVE DIPOLE:

$$L = 468 / F$$

L = LENGTH IN FEET
F = FREQUENCY IN MHZ