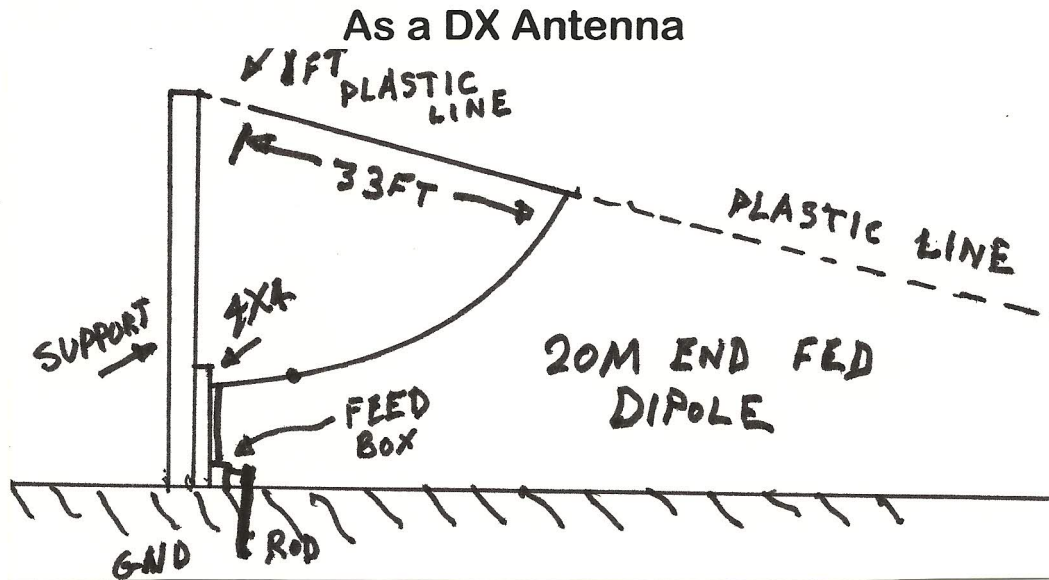


The End Fed Dipole



The standard center fed Dipole has been around for a long time but has several undesirable features.

- 1) It is fed in the center so a feedline must be used to get the feed to the ground.
- 2) It should be high from the ground (1/4 to 1/2 wave).
(Half wave at 20 meters is 33 feet.)
- 3) It usually requires two supports at least 1/2 wave apart.
- 4) If it is cut for a single band coax feed with a balun is often used (added weight).
- 5) The weight of the coax pulls down the center reducing the effective height.
- 6) At low heights much of the power is radiated straight up (due to ground reflection).

