

Two Slopers for All Traditional HF- Bands

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It is possible at one mast install two slopers that cover all traditional five HF-Bands- 80,- 40,- 40,- 15 and 10-meter. **Figure 1** shows the antenna.

For example, at the **Figure 1** it is shown at right- two wire open line and at left- two wire ribbon line. Line in plastic insulation should be shortened (factor 0.82) compare to two wire open line.

One sloper covers 80 and 10- meter Bands another one covers 40, 20 and 15- meter Bands. Each sloper feed through separate coaxial cable. It is possible use 50 or 75-Ohm coaxial cable. Coaxial cable matched with antenna with help of length of two wire line. It may be open line or two wire line in plastic insulation.

Coaxial cable may have any length. However, coaxial cable in length 13.65 or 27.30- meter for 40, 20 and 15- meter Band antenna and coaxial cable in length 27.0- meter for 80 and 10- meter Band antenna would give good result. The antenna gives over 0.5- 1.0- dB compare to VS1AA.

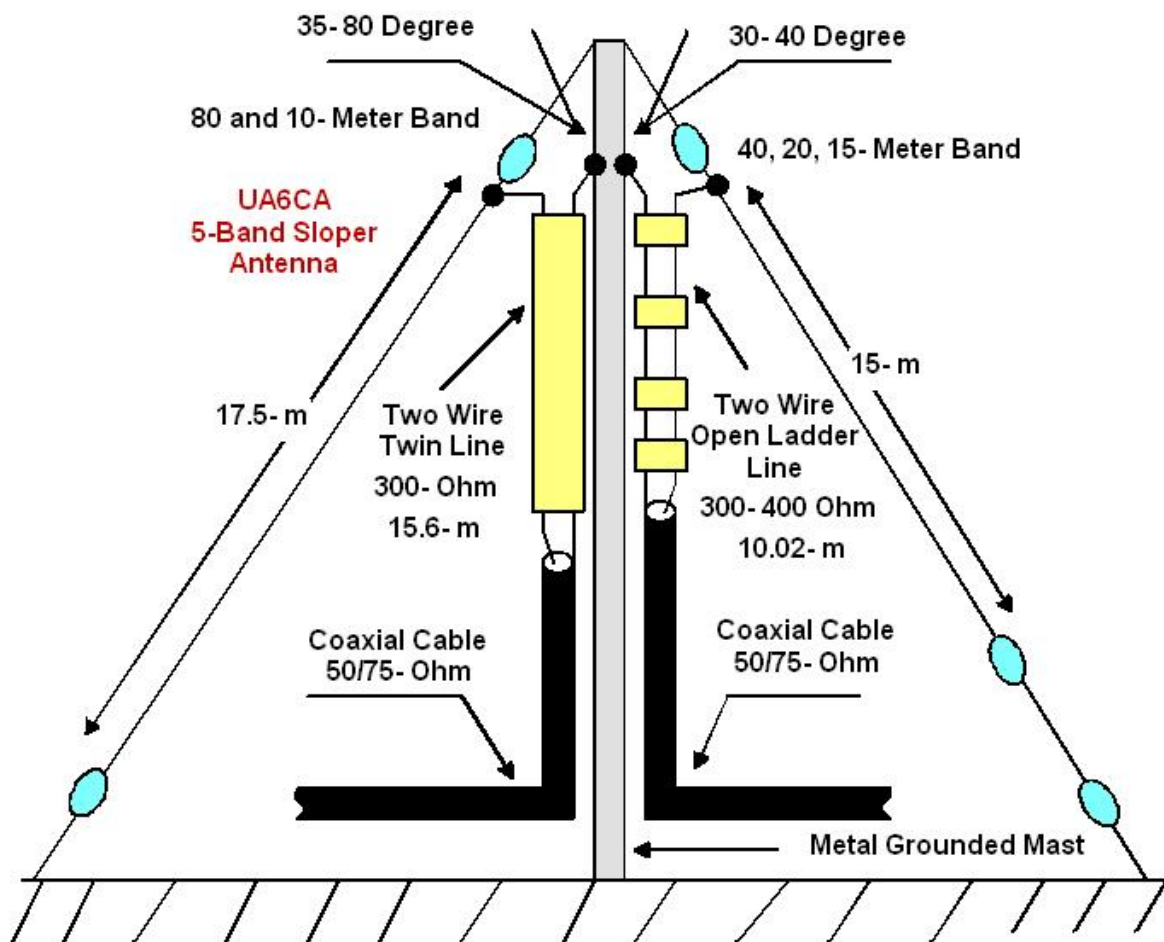


Figure 1 Two Slopers for All Traditional Five HF-Bands