



HF MOBILE ANTENNAS

PHF75
PHF40
PHF20
PHF15
PHF10

75 METERS
40 METERS
20 METERS
15 METERS
10 METERS

500 WATTS P.E.P.
"POWER RATED"

No matching device is required for the PHF10 and PHF15 antennas. Disc capacitors (500 VDC rated) are supplied with the PHF75 (500 pf), PHF40 (250 pf), and PHF20 (100 pf), and are nominal values for 17 ft. RG58/U feedline. These matching capacitors should be installed from the coax center conductor to braid (ground) **at the mount.**

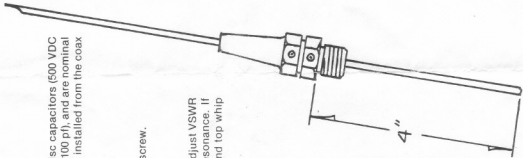
Insert whip into lower section ferrule about 4 inches and tighten set screw.

Install VSWR meter at transmitter, and apply 10 to 25 watts of power. Adjust VSWR meter and output frequency for lowest VSWR reading, indicating resonance. If resonant frequency is higher than desired, loosen set screw and extend top whip until desired resonant frequency is found.

If resonant frequency is too low, adjust whip further into lower section to desired frequency. Adjustments should be made in small increments.

VSWR at resonance should be 1.5:1 or less when properly matched.

After tuning is completed, tighten set screw securely.



accessories



RG58 Valor-Flox™ Cable with PL259 one end, 3/8" lugs on the other end for heavy duty hardware connections.
Model 115-18HD 17'



Model 604
Heavy duty large spring with 3/8"x24 stud. To be used with large ball mount assembly.



Model 605
Heavy duty side body ball mount. Polished aluminum. Easy mounting. Hardware and instructions included.



Model 103
Quick Disconnect: Spring loaded for antenna removal. Chrome-plated brass, stainless steel spring and pin. For 3/8" 24 antenna and mounts.

VALOR ENTERPRISES, INC.

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MADE IN U.S.A.