



WIRING COLOR CODE FOR HI-Q ANTENNAS

NOTE: The HI-Q antennas are designed so that the slider skirt moves in the OPPOSITE direction of frequency resonance; when the skirt moves UPWARD, the antenna is tuning to a HIGHER resonant frequency.

The **red and black wires** are the motor control wires. To move it down (LOWER frequency), connect the positive voltage supply to the black wire and the negative supply to the red wire. Observe that the motor moves the contactor down inside the coil.

Warning: Do not apply DC voltage across the sensor wires, as you will damage the reed switch.

When wiring to TuneMatic Pigtail, use the following chart:

<u>TuneMatic pigtail</u>	<u>HI-Q wires</u>	<u>Function</u>
BLACK (pin 1)	BLACK	Motor (-) when TUNING lower
RED (pin 2)	RED	Motor (+) when TUNING higher
GREEN (pin 3)	BLACK or WHITE	Sensor leads, which are NOT
YELLOW (pin 4)	WHITE or BLACK	polarity specific.

(+) voltage applied to red (pin 2) on TuneMatic causes motor to move down (higher resonant freq)

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