



75Ω MATCHING TRANSFORMER

RG-59 75Ω COAX

Velocity of Propagation (V_p) 0.66

(CAN ALSO USE RG-11)
HA → better V_p of 0.84
(RG-8 SIZE).

$$\text{length} = \left[\frac{234}{f(\text{MHz})} \right] \times V_p$$

$$\text{Length} = \left[\frac{234}{50.2 \text{ MHz}} \right] \times 0.66 = \sim 3.1' \quad (37.2'')$$

