

31/12/63

Measured the capacity of porcelain bushings between center rod and green can. These were 4.1 and 4.2 pf. Say 4.15 pf on average, at 2.1 mc

$$X_c = 1 / (6.28 \cdot 2.1 \cdot 10^6 \cdot 4.15 \cdot 10^{-12}) = 10^6 / 54.6 = 18,300 \text{ ohms, each bushing.}$$

Capacity reactance across 6/2-2 line is 36,600 ohms.

Shunt is  $36,600 / 612 = 60$  times line impedance.

Apparently, these bushings may be ignored at 2.1 mc.