3.6:1

Parameters at Resonance:

\[ F_0 = 1.827 \text{ MHz} \]
\[ \text{SWR} = 1.78 \]
\[ \text{Return loss} = 11.05 \text{ dB} \]
\[ Z = 72.1 - j27.2 \text{ Ohm} \]
\[ |Z| = 77.1 \text{ Ohm} \]
\[ \text{Phase} = -20.7^\circ \]
\[ C = 3200 \text{ pF} \]
\[ Zpar = 82.4 - j218.5 \text{ Ohm} \]
\[ Cpar = 398 \text{ pF} \]
\[ \text{Cable: Length(1/4) = 27.07 m, Length(1/2) = 54.15 m} \]

Matching

All Capacitors are 100pF @ 6KV (total: 433pF)