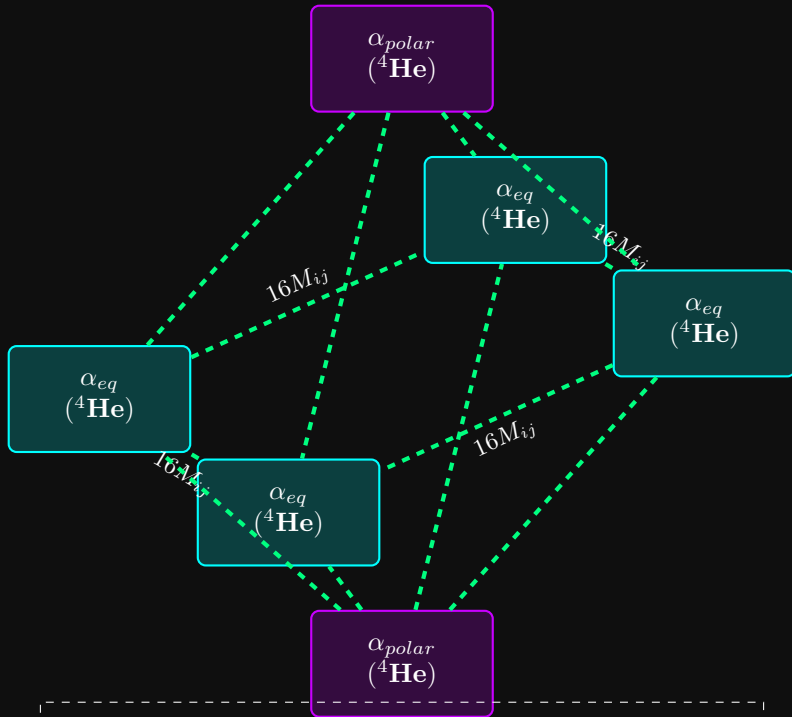


# Magnesium-24 ( $6\alpha$ Subcircuit Architecture)



## IC-Equivalent Topology Level

Each  $\alpha$  macro-block encapsulates a synchronized 4-nucleon LC mesh.

Bus lines represent 16 cross-coupled inductive pairs between blocks.

*Total Magnesium-24 Network: 256 diagonal connections*