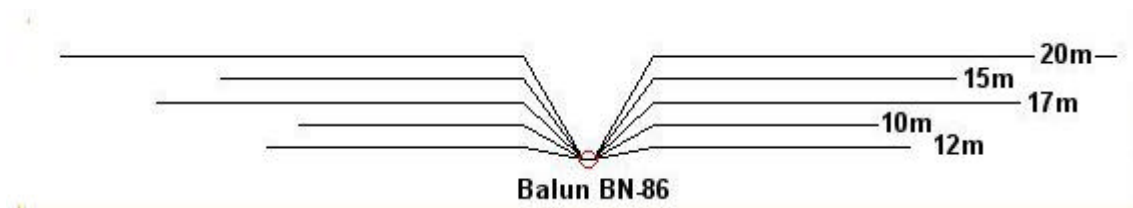
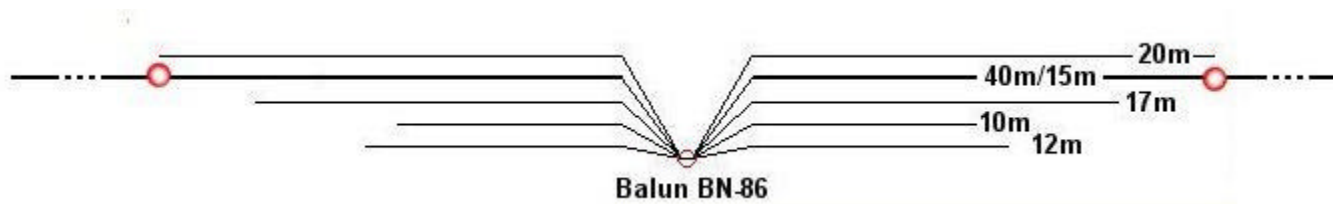


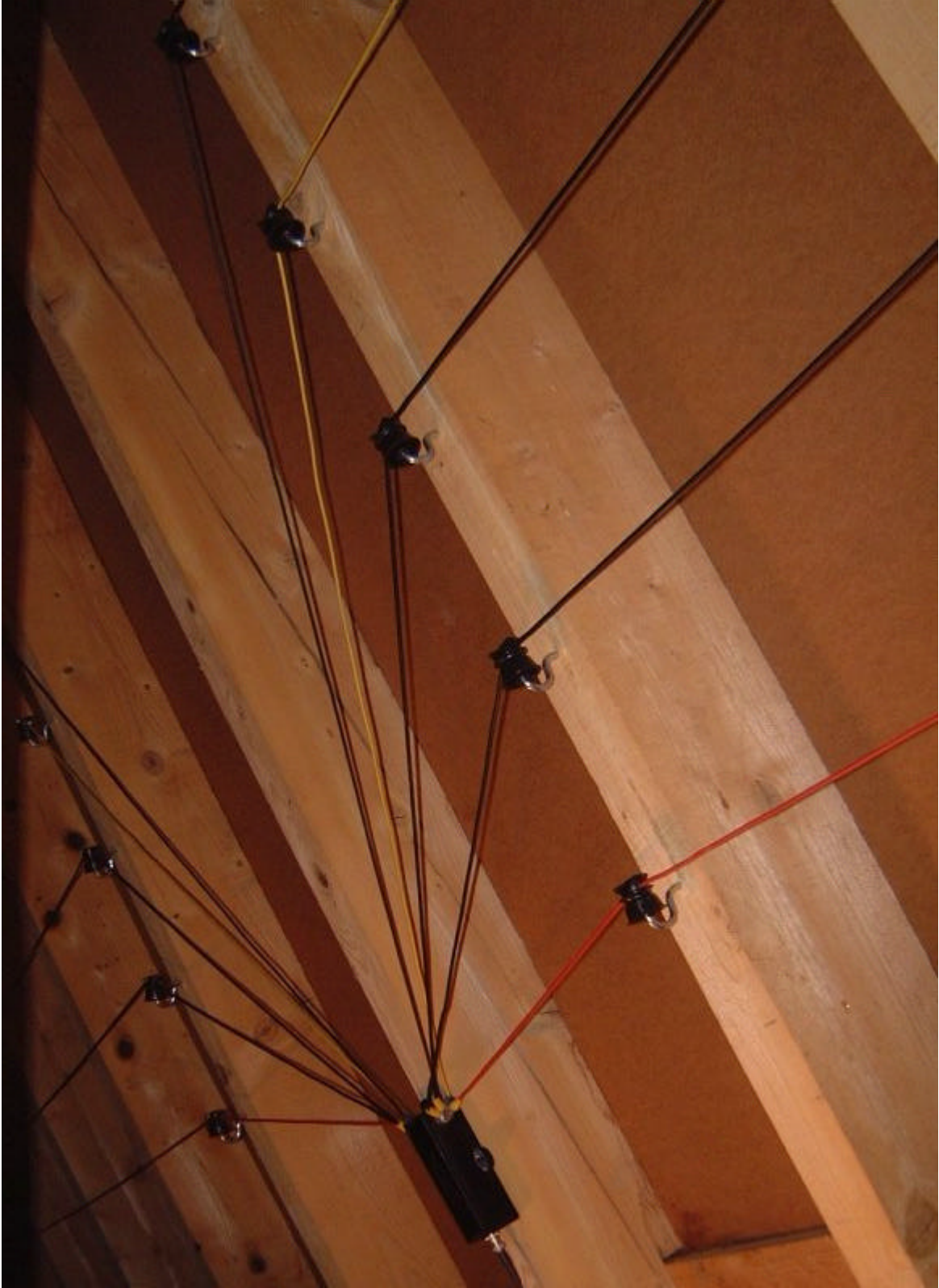
INDOOR MULTIBAND DIPOLE FOR 40M - 10M



2002 Indoor multiband dipole 20m -10m (to scale)



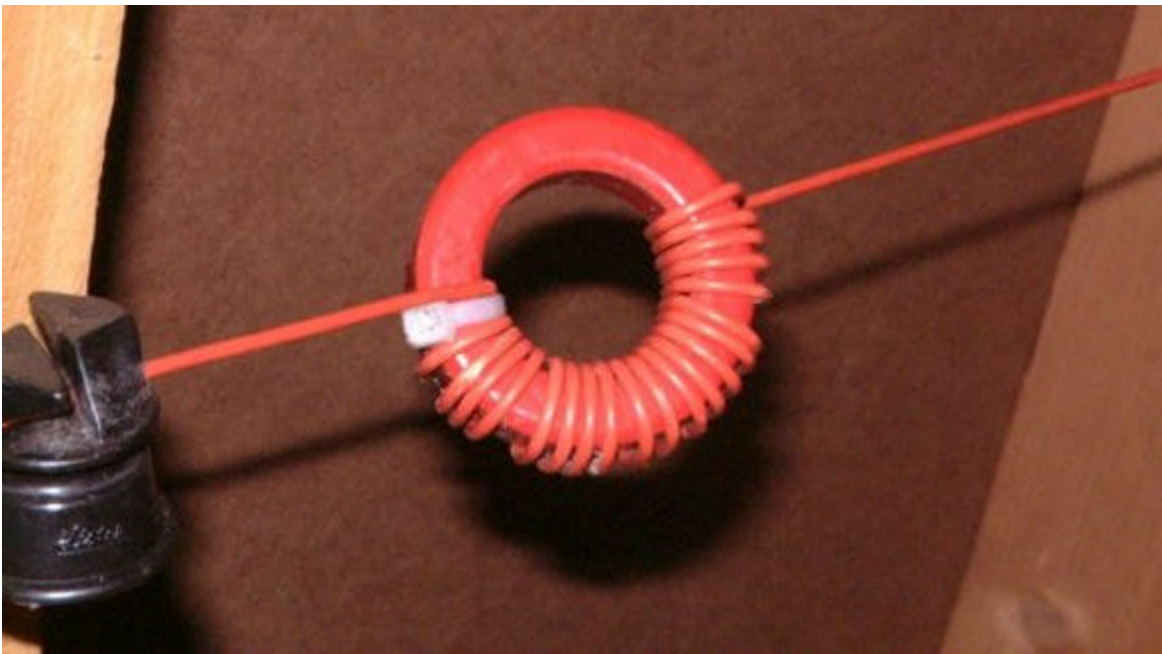
New (2005) indoor multiband dipole 40m -10m (not to scale)
15m dipole replaced by 40m/15m short-dipole, see below



Antenna wires connected in parallel to HyGain BN-86 Balun



Antenna wires attached to roofspars
Spacing between wires = 0.2m, spacing between roofspars = 0.6m



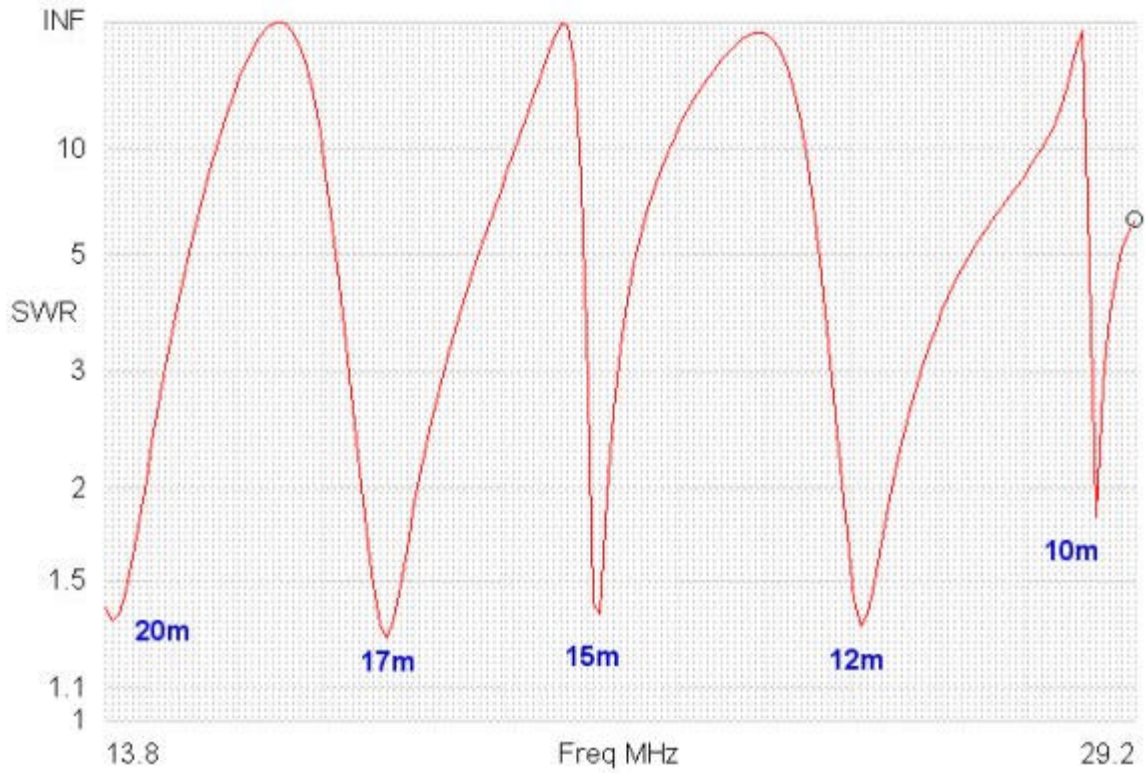
5.3 uH loading coil, 54% from feedpoint (21 turns on Amidon T200-2)
to fit 40/15m dipole in roofspace (total span 15m)



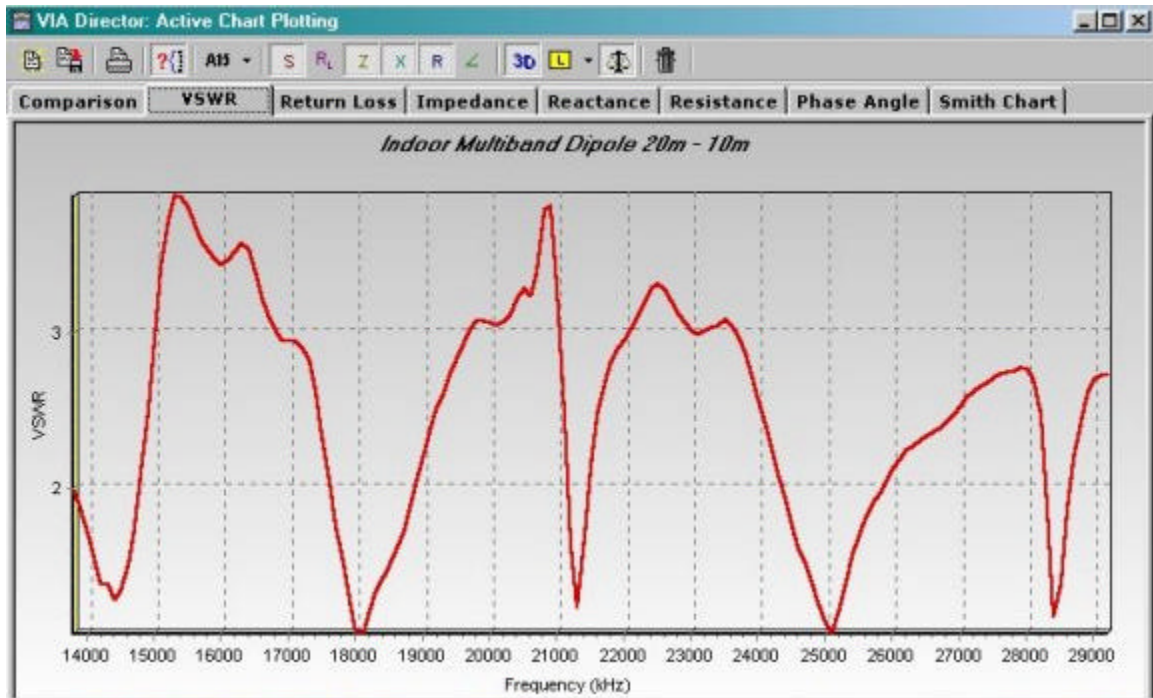
Detail of end-isolator with wires folded back and twisted
for fine tuning the dipoles for the lower frequencies



Detail of end-isolator with clamp for fine tuning the dipoles for the higher
frequencies



SWR-Plot (EZNEC Simulation)



Real SWR-Values ([AEA VIA-HF Analyzer](#))

