



xmtr oscillator

- T1: 10mm, shielded "IF can," 16-turn main winding, 3.5 to 6uH; 2-turn coupling
- T2: Ditto above, except 6-turn coupling
- T3: 6 turns winding on 1mH xtal oscillator collector choke; ~ 1.5Vpp across T3 secondary
- L2: 700 turns #39 enamelled wire on FT37-72 toroid core
- D1-D4: 1N4937, 600V, 1A, Fast-Recovery Diodes :o)
- R2: use 1MegOhm pot during setup to determine resistance value for 16.5Vdc at Q2 emitter
- Q1 base to phones -> 58dB Voltage Gain @ 800Hz
- Parts not from CFL: Input BPF, R1, R2, R3, C9, C10

## Das DereLicht 80m Receiver

de AA1TJ