

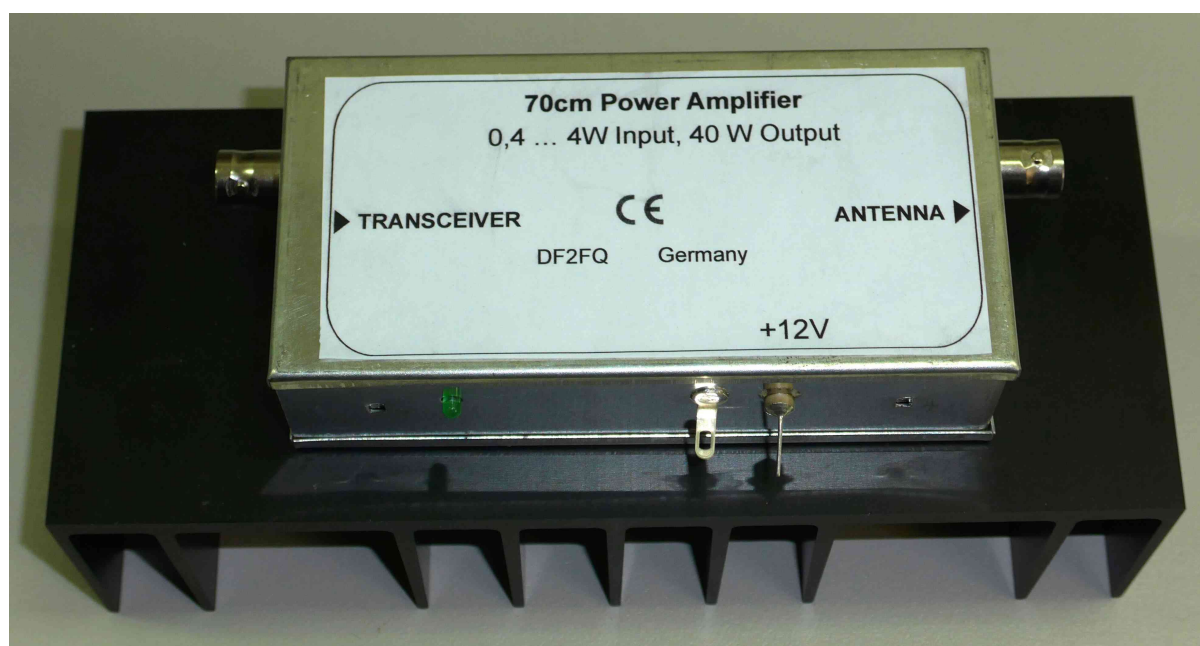
70cm PA with ultra short RX/TX delay for digital modes

P40X

Digital operation modes become more and more popular in amateur radio. Here transmission protocols are in use which require extremely short latency times for receive and transmit switching. With TDMA schemes like MOTOBRO or DMR they are below 1 Millisecond. Standard power amplifiers with relays are unusable then.

The P40X amplifier uses pin-diode switches and doesn't have that limitations. It is perfectly suited for envelope-free modulation schemes like FM, GMSK and C4FM.

Frequency range: 420...450MHz
Output power: >35 W
Supply voltage: 11 ... 13,8 V
Input power: 0.4 ... 4 W (others on request)
RX/TX delay <100 micro seconds



Here the [manual](#) of the PA (currently only in German, English version follows).
The device is available from stock as ready-made unit (170.-€), kits follow later this year.
If you are interested to obtain one, please send me a mail.

Info taken from http://df2fq.de/index_eng.html