

## 70cm Amplifier for FM and Digital Modulation

	P8V	P8X
Frequency Range	430 – 440MHz (with SAW-Filter)	420 - 460MHz
Supply Voltage	11,5 ... 13,8 V	
Receive-transmit switching time	<100 $\mu$ s (with RF-VOX)	
RF Input Power	8 ... 20 mW	
RF Output Power	1 ... 10 W (adjustable)	
RX Gain	15dB	-0,8dB
RX Noise Figure	1dB	-
Current Consumption	RX 100mA, TX 1,6A	RX 10mA, TX 1,6A
Price	<b>169,- €</b>	<b>149,- €</b>

Shipping DL: 6,50 € EU: 14,00 €



In its original version, as P8X, the amplifier is designed to provide DRM hotspots such as the MMDVM or similar devices with a greater range. It has been shown that the higher transmission power often requires better receiver sensitivity. The P8V version meets this requirement and comprises a very low-noise preamplifier (IP3>30dBm). To improve the often poor input selectivity of the simple hotspot receivers, there is also a high-quality SAW filter in the receive path, which limits the reception range to the 70cm band. The device is also very well suited as a front-end for SDR transceivers such as the ADALM Pluto or for NPR 70 modems.

All prices include 19% German VAT

Payment in advance by bank transfer (IBAN DE74 6001 0070 0249 1077 07, BIC PBNKDEFF) or via PayPal to holger@df2fq.de

Holger Eckardt, Kirchstockacherstraße 33, 85663 Hohenbrunn

E-Mail: holger@df2fq.de

Internet: www.df2fq.de

Tel.: 08102-998054

VAT-ID: DE164094859