

# FR10 (#2021)

## Technical Data:

Rated power	20 Watt
Maximum power	30 Watt
Nominal impedance	8 Ohm
Frequency response (-10 dB)	80 - 20000 Hz
Mean sound pressure level	86 dB (1W/1m)
Maximum cone displacement	8 mm
Resonance frequency $f_s$	97 Hz
Magnetic induction	0,95 Tesla
Magnetic flux	180 $\mu$ Weber
Height of front pole-plate	3 mm
Voice coil diameter	2 cm
Height of winding	0,6 cm
Cutout diameter	10 cm
Net weight	0,38 kg
D.C. resistance $R_{dc}$	7,2 Ohm
Mechanical Q factor $Q_{ms}$	2,23
Electrical Q factor $Q_{es}$	1,17
Total Q factor $Q_{ts}$	0,77
Equivalent volume $V_{as}$	1,7 l
Effective piston area $S_d$	50 cm <sup>2</sup>
Dynamically moved mass $M_{ms}$	5,7 g
Force factor $B_{xl}$	4,61 T · m
Inductance of the voice coil L	0,55 mH

