

FRS 7 S 8 OHM

Art. No. 2018

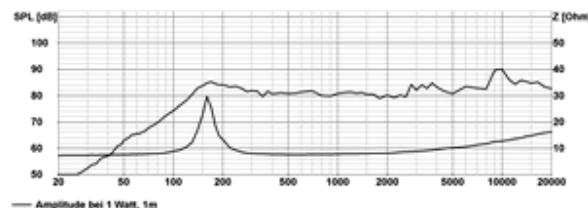
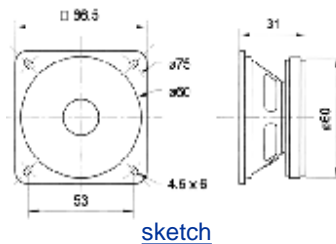
6.5 cm (2.5") full-range speaker with balanced [frequency response](#) and very good highs. Especially suitable as built-in speaker for music reproduction and as driver for 100 V network column speakers. Very low resonance [frequency](#).

Typical applications:

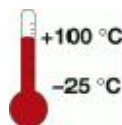
- Narrow network column speakers
- Control speaker for electronic devices
- Model construction
- Electronic musical instruments

Attributes:

- Water proof [cone](#)
- Metal basket
- 100 °C temperature resistant



[frequency- and impedance response](#)

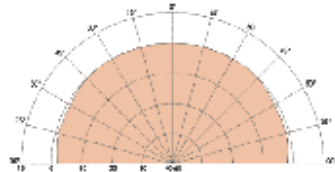


Technical Data:

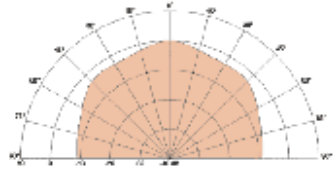
Rated power	8 W
Maximum power	15 W
Nominal impedance Z	8 Ohm
Frequency response	120–20000 Hz
Mean sound pressure level	84 dB (1 W/1 m)
Maximum cone displacement	3 mm
Resonance frequency f_s	150 Hz
Magnetic induction	1,2 T
Magnetic flux	160 μ Wb
Height of front pole-plate	2 mm
Voice coil diameter	14 mm
Height of winding	5 mm
Cutout diameter	61 mm
Net weight	0,2 kg
D.C. resistance R_{dc}	7,2 Ohm
Mechanical Q factor Q_{ms}	5,38
Electrical Q factor Q_{es}	2,01
Total Q factor Q_{ts}	1,46
Equivalent volume V_{as}	0,9 l
Effective piston area S_d	22 cm ²
Dynamically moved mass M_{ms}	0,8 g
Force factor $B \cdot l$	1,8 T m

Inductance of the voice coil L	0,6 mH
Heat resistance	-25 ... 100 °C

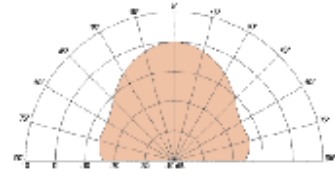
Similar Products	
FR 7 4 OHM	FRS 7 4 OHM
FRS 7 8 OHM	K 64 WP 50 OHM
K 64 WP 8 OHM	K 64 WPT 8 OHM



[radiation pattern 2000 Hz](#)



[radiation pattern 5000 Hz](#)



[radiation pattern 10000 Hz](#)

