

FR 87 4 OHM

Art. No. 4630

8.7 cm (3.4") fullrange speaker with balanced [frequency response](#) and high [efficiency](#). For speech and music reproduction in electronic devices and vehicles.

Typical applications:

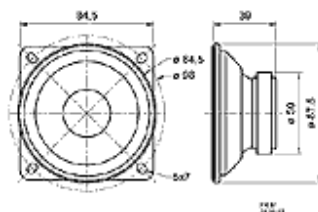
- Control speaker for electronic devices
- Vehicles
- Electronic musical instruments

Attributes:

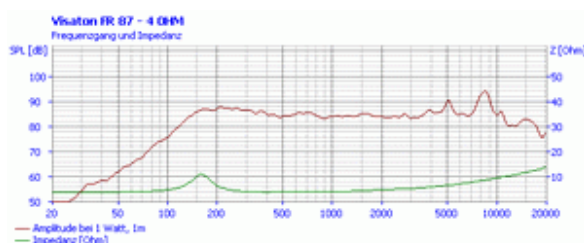
- Moisturised [cone](#)
- Metal basket

Used in / Accessories:

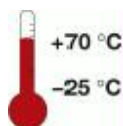
[GRILLE FR 87](#)



[sketch](#)



[frequency- and impedance response](#)



Technical Data:

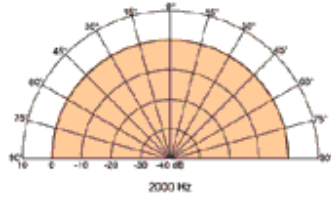
Rated power	10 W
Maximum power	15 W
Nominal impedance Z	4 Ohm
Frequency response	100–20000 Hz
Mean sound pressure level	85 dB (1 W/1 m)
Resonance frequency f_s	137 Hz
Voice coil diameter	15 mm
Cutout diameter	80 mm
Net weight	0,21 kg
D.C. resistance R_{dc}	3,5 Ohm
Mechanical Q factor Q_{ms}	6,4
Electrical Q factor Q_{es}	1,56
Total Q factor Q_{ts}	1,25
Equivalent volume V_{as}	1,3 l
Effective piston area S_d	37 cm ²
Dynamically moved mass M_{ms}	2 g
Force factor B_{xl}	2,1 T m
Inductance of the voice coil L	0,2 mH
Heat resistance	-25 ... 70 °C

Similar Products

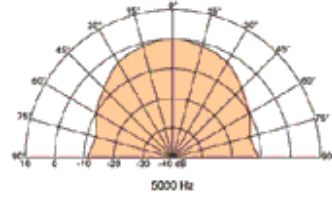
[F 8 SC 8 OHM](#)

[FR 8 4 OHM](#)

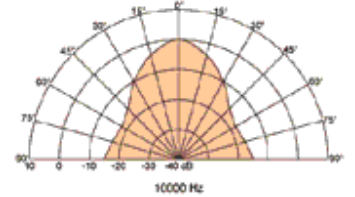
FR 8 8 OHM	FR 8 JS 8 OHM
FR 8 WP 4 OHM (black)	FR 8 WP 4 OHM (white)
FR 8 WP 8 OHM (white)	FRS 8 4 OHM
FRS 8 8 OHM	FRS 8 M 8 OHM
SC 8 N 8 OHM	SL 87 WPM 4 OHM
SL 87 WPM 8 OHM	



[radiation pattern 2000 Hz](#)



[radiation pattern 5000 Hz](#)



[radiation pattern 10000 Hz](#)