

## 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:**

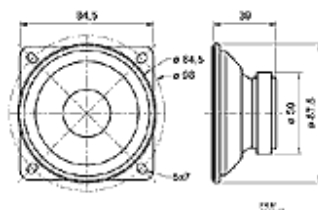
- Control speaker for electronic devices
- Vehicles
- Electronic musical instruments

**Attributes:**

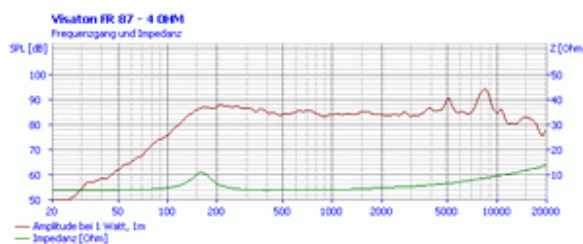
- Moisturised [cone](#)
- Metal basket

**Used in / Accessories:**

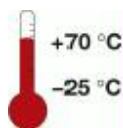
[GRILLE FR 87](#)



[sketch](#)



[frequency- and impedance response](#)



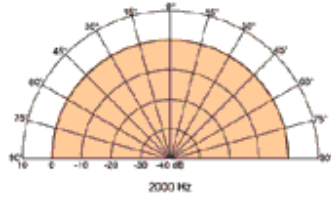
**Technical Data:**

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 fs	137 Hz
Voice coil diameter	15 mm
Cutout diameter	80 mm
Net weight	0,21 kg
D.C. resistance Rdc	3,5 Ohm
Mechanical Q factor Qms	6,4
Electrical Q factor Qes	1,56
Total Q factor Qts	1,25
Equivalent volume Vas	1,3 l
Effective piston area Sd	37 cm <sup>2</sup>
Dynamically moved mass Mms	2 g
Force factor Bxl	2,1 T m
Inductance of the voice coil L	0,2 mH
Heat resistance	-25 ... 70 °C

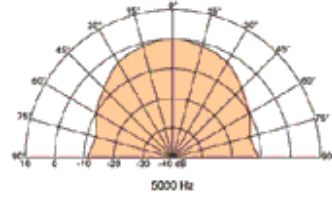
**Similar Products**

[F 8 SC 8 OHM](#) | [FR 8 4 OHM](#)

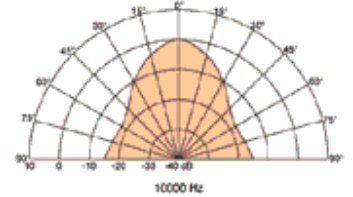
<a href="#">FR 8 8 OHM</a>	<a href="#">FR 8 JS 8 OHM</a>
<a href="#">FR 8 WP 4 OHM (black)</a>	<a href="#">FR 8 WP 4 OHM (white)</a>
<a href="#">FR 8 WP 8 OHM (white)</a>	<a href="#">FRS 8 4 OHM</a>
<a href="#">FRS 8 8 OHM</a>	<a href="#">FRS 8 M 8 OHM</a>
<a href="#">SC 8 N 8 OHM</a>	<a href="#">SL 87 WPM 4 OHM</a>
<a href="#">SL 87 WPM 8 OHM</a>	



[radiation pattern 2000 Hz](#)



[radiation pattern 5000 Hz](#)



[radiation pattern 10000 Hz](#)

