

FR10-4

Visaton 10 cm (4") fullrange speaker 4 Ohm (2020)

[BACK](#)



General description

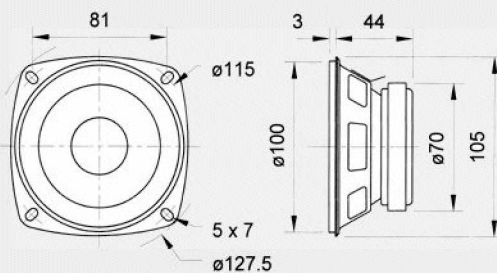
10 cm (4") fullrange speaker with good bass reproduction, galvanized basket, balanced frequency response and high efficiency. Especially suitable as built-in speaker for music reproduction and as driver for 100 V network column speakers.

Typical applications:

- Network column speakers
- Ceiling-mounted speakers in railway carriages and buses
- Built-in car hi-fi speakers
- Electronic musical instruments

Technical Data:

Nominal power handling	20 Watt
Peak power handling	30 Watt
Nominal impedance	4 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	90 Hz
Magnetic induction	0,95 Tesla
Magnetic flux	180 μ 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}	3,4 Ohm
Mechanical Q factor Q_{ms}	2,13
Electrical Q factor Q_{es}	0,77
Total Q factor Q_{ts}	0,56
Equivalent volume V_{as}	1,9 l
Effective piston area S_d	50 cm ²
Dynamically moved mass M_{ms}	5,5 g
Force factor B_{xl}	3,72 T · m
Inductance of the voice coil L	0,35 mH



drawing

