

LOUDSPEAKERS WITH IP67-RATING (WATERPROOF)



Increased number of inquiries for so-called 'waterproof loudspeakers' has led to the development of new types. The point was to realize robust, weatherproof communication units, for example doorphones and videophones, also for mobile devices usable in outdoor environment. That's why we introduce to our program two IP67-classified speaker models made by manufacturer Vansonic (VECO).

Available models:

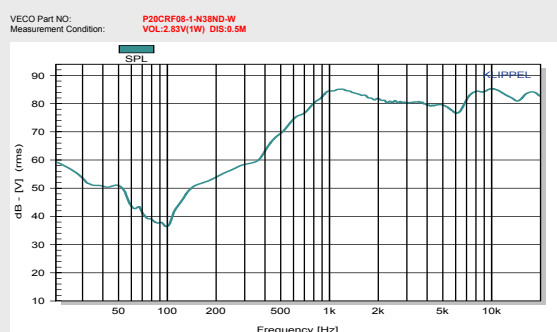
- 20CRF08-1-N38ND-W** (round, outer diameter 20mm, height 3.9mm)
- 35KT08-W** (square, 35 mm × 20 mm, height 5.5mm)

They are suitable for reproduction of human speech and melody signals, as they are typical and common in those communication applications.

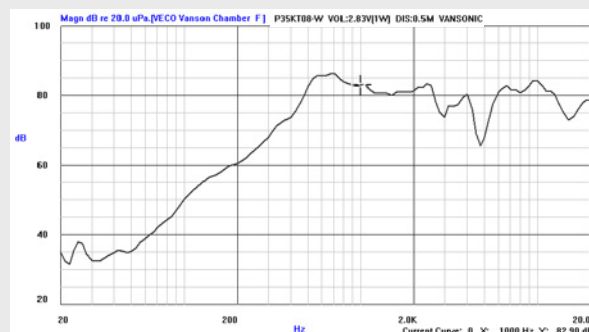
FEATURES

- » totally protected against water, dust and against the effects of immersion acc. to IP rating standard IP67
- » offered with a nominal impedance of 8 Ω standardwise
- » other impedance values can be realized upon request
- » electrical power rating is nominal 1 W (35KT08) respectively 1.2 W (20CRF08)

FREQUENCY RESPONSE



20CRF08-1-N38ND-W



35KT08-W

SPECIFICATIONS

PARAMETER	20CRF08-1-N38ND-W	35KT08-W
Power rating (W)	1.2 / max. 1.5	1.0 W / max. 2.0 W
Frequency range (Hz)	500 ... 20000	350 Hz ... 4000 Hz
Resonant frequency (Hz)	1000 ± 20%	560 Hz ± 20%
DC resistance (Ω)	8 Ω ± 15%	8 Ω ± 15%
Sound pressure level (dB), av. at 800, 1000, 1200, 1500 Hz	83±3 dB min. at 1.2 W / 0.5 m	82±3 dB min. at 1.0 W / 0.5 m
Operating temperature (°C)	-40°C ... +85°C	-20°C ... +60°C
Waterproof level	IP67	IP67
Dimensions (mm)	∅ 20×3,9 mm	35 mm × 20 mm × 5,5 mm