



AN-3510

Order No.: 10.5840

Price upon request

PRODUCTINFOS

High-quality full range speaker, 35 W, 8 Ω

- 9 cm (3.5") compact full range speaker with neodymium drive
- State-of-the-art Finite Element Analysis of mechanical, acoustic and electromagnetic properties
- Special design for application in line arrays or phased arrays
- Comparatively wide radiation pattern also in the high frequency range
- High-quality aluminium cone for an excellent reproduction of the midrange and high speech intelligibility
- Speaker basket made of glass fibre reinforced ABS plastic
- Weatherproof for outdoor applications

TECHNICAL SPECIFICATIONS

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Impedance (Z)	8 Ω
Frequency range	f3-18,500 Hz
Resonant frequency (fs)	98 Hz

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Power rating	35 W
Peak music power output	70 W
Sensitivity	87 dB/W/m
Suspension compl. (Cms)	0.62 mm/N
Moving mass (Mms)	3.37 g
Mech. Q factor (Qms)	6.59
Electr. Q factor (Qes)	0.66
Total Q factor (Qts)	0.67
Equivalent volume (Vas)	1.3 l
DC resistance (Re)	5.7 Ω
Force factor (BxL)	4.5 Tm
Voice coil induct. (Le)	0.18 mH
Voice coil diameter	\varnothing 25 mm
Voice coil former	polyamide
Linear excursion (X_{MAX})	\pm 1.25 mm
Eff. cone area (Sd)	39 cm ²
Magnet weight	neodymium
Mounting cutout	\varnothing 79 mm
Mounting depth	50 mm
Mounting hole diameter	\varnothing 104 mm
Hole spacing X-axis	73.5 mm
Hole spacing Y-axis	73.5 mm
Dimensions	89.3 x 89.3 x 50 mm
Outside diameter	\varnothing 124 mm
Width	89.3 mm
Height	89.3 mm
Depth	50 mm
Admiss. ambient temp.	0-40 °C
Weight	0.16 kg
Sales unit	1
Type of speaker	3.5"