



AN-2075

Order No.: 10.5820

Price upon request

PRODUCTINFOS

High-quality full range speaker, 20 W, 8 Ω

- 5 cm (2") 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

HOBBY HiFi 05/2017

"Compact and weatherproof full range speaker for line array systems. The AN-2075 provides an impressive sound up to the high frequency range with a linear and perfectly balanced response as well as a clear decay."

TECHNICAL SPECIFICATIONS

AN-2075

Impedance (Z)	8 Ω
Frequency range	f3-19,000 Hz
Resonant frequency (fs)	160 Hz
Power rating	20 W
Peak music power output	40 W
Sensitivity	80 dB/W/m
Suspension compl. (Cms)	0.55 mm/N
Moving mass (Mms)	1.37 g
Mech. Q factor (Qms)	10.12
Electr. Q factor (Qes)	1.22
Total Q factor (Qts)	1.09
Equivalent volume (Vas)	0.12 l
DC resistance (Re)	5.3 Ω
Force factor (BxL)	2.6 Tm
Voice coil induct. (Le)	0.12 mH
Voice coil diameter	\varnothing 20 mm
Voice coil former	polyamide
Linear excursion (X_{MAX})	\pm 1.5 mm
Eff. cone area (Sd)	12.6 cm ²
Magnet weight	neodymium
Mounting cutout	\varnothing 50 mm
Mounting depth	44 mm
Mounting hole diameter	\varnothing 62 mm
Hole spacing X-axis	43.8 mm
Hole spacing Y-axis	43.8 mm
Dimensions	56.2 x 56.2 x 44 mm
Outside diameter	\varnothing 79 mm
Width	56.2 mm
Height	56.2 mm
Depth	44 mm
Admiss. ambient temp.	0-40 °C
Weight	0.095 kg
Sales unit	1
Type of speaker	2"

