

The OK4-T78 is a high compliance 4" driver resistant to corrosion and moisture, attached to a 8 watt, 70 volt transformer. This compact driver is ideal for low-level distribution and paging systems looking for superior sound dispersion. A rugged steel frame and a treated cloth cone create reliable sound while remaining environmentally resistance.

- Full range speaker
- 4" (102 mm) steel basket diameter
- 15 watts, 8 ohms, 93 dB SPL
- 8 watt, 70 volt line matching transformer
- Ferrite magnet, treated cloth cone
- 3 Drill Tapped Holes, #8-32



Primary Specifications

Size, Nominal (inch & mm)	4" (100 mm)
Rated Impedance (Ω)	8
Continuous Power (W)	15
Sensitivity (dB SPL) ¹	93
Frequency Range (Hz)	60 - 20,000
Resonant Frequency (Fs) (Hz)	129

More Specifications

Application	Commercial, Indoor, Voice Communications
RoHS Compliant	No
DC Resistance (Re) (Ω)	7.1
Program Power (W)	30
Continuous Power (W)	15

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	7.1
Voice Coil Inductance (Le) (mH)	0.2
Resonant Frequency (Fs) (Hz)	129
Mechanical Q Factor (Qms)	5.52
Electrical Q Factor (Qes)	0.72
Total Q Factor (Qts)	0.64
Moving Mass (Mms) (gm)	3.4
Suspension Compliance (Cms) (mm/N)	0.45
Mechanical Resistance (Rms) (kg/s)	0.5
Surface Area of Diaphragm (Sd) (cm²)	58.1
Compliance Equivalent Volume (Vas) (L)	2.14
Motor Force Factor (BL) (T•M)	5.2
Efficiency (η_0) (%)	0.61
Efficiency Bandwidth Product (EBP) (Fs/Qes)	178.17

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	4.8
Voice Coil Diameter (mm)	25.4
Voice Coil Wire Material	Copper
Voice Coil Former Material	Kraft paper
Magnet Material	Ferrite
Magnet Weight (gm)	283.5
Cone Body Material	Treated cloth
Spider Material	Cotton
Dust Cap Material	Paper
Net Weight (kg)	0.99

