

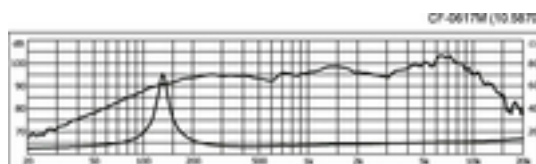
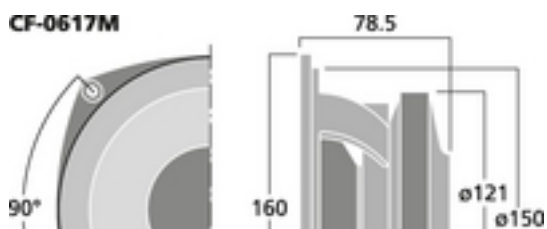
## CF-0617M - PA Midrange Speaker



CELESTION



CF-0617M



PA midrange speaker, 200 W, 8 Ohm

- 16.5 cm (6½") PA midrange speaker with an excellent sound, especially suitable for the acoustically important midrange from 300 Hz on
- High-quality Kevlar fibre-reinforced cellulose cone
- 45 mm heat-resistant voice coil on a Kapton voice coil former of high power capability
- FEA-optimised drive with copper cap on the pole core for lowest harmonic distortions
- Flat foam surround for minimum mechanical loss
- Robust diecast aluminium basket
- Ideally suited for multi-way PA systems, high-quality studio monitor speakers as well as hi-fi

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: 300-7,000 Hz
Resonant frequency (fs)	: 135 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: 300 Hz
Power rating (RMS)	: 200 W
Peak music power output (MAX)	: 350 W
SPL	: 96 dB/W/m
Max. rated SPL	: 120 dB
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.118 mm/N
Moving mass (Mms)	: 11.65 g
Mech. Q factor (Qms)	: 7.49
Electr. Q factor (Qes)	: 0.6
Total Q factor (Qts)	: 0.55
Equivalent volume (Vas)	: 4.0 l
DC resistance (Re)	: 4.98 Ohm
Force factor (BxL)	: 9.08 Tm
Voice coil induct. (Le)	: 0.2 mH
Voice coil diameter	: $\varnothing$ 45 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 1.2 mm
Eff. cone area (Sd)	: 145 cm <sup>2</sup>
Magnet weight	: 0.8 kg
Magnet diameter	: $\varnothing$ 120 mm
Mounting cutout	: $\varnothing$ 150 mm
Mounting depth	: 78.5 mm
Mounting hole diameter	: 173-175 mm
Hole spacing X-axis	: 121-123 mm
Hole spacing Y-axis	: 121-123 mm
Dimensions	: 160 x 160 x 78.5 mm
Outside diameter	: $\varnothing$ 188 mm

Width	: 160 mm
Height	: 160 mm
Depth	: 78.5 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 1.79 kg
Packing unit	: 1
Type of speaker	: 6.5"
Packing dimensions (W x H x L)	: 0.19 x 0.125 x 0.19 m
Gross weight	: 2.1 kg
Net weight	: 1.79 kg
Low-impedance	: 1