

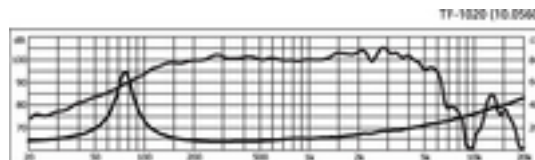
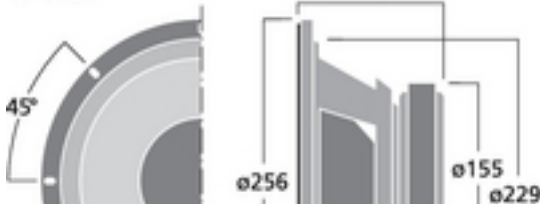
TF-1020 - PA Midrange Speaker



CELESTION



TF-1020



CELESTION

One of the most appealing names in the world of speakers. The speakers of the TF series impress by both an excellent price-performance ratio and very good sound characteristics and thus are ideally suited for an application in efficient PA speaker systems providing a powerful sound.

PA bass-midrange speaker, 150 W, 8 Ohm

- 25 cm (10") PA midrange speaker providing an excellent sound, with power reserves in the bass range down to approx. 90 Hz
- High-quality Kevlar fibre-reinforced cellulose cone
- 50 mm (2") heat-resistant voice coil on a Kapton voice coil former
- Excellent linear frequency response and wide bandwidth
- High-quality reproductions of speech and vocals
- Double-roll surround for an excellent linearity
- Robust sheet steel basket
- Ideally suited for compact PA top parts with subwoofer support

Tekniske data

| | |
|---|----------------------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission method | : - |
| Frequency range | : f3-3,500 Hz |
| Resonant frequency (fs) | : 61 Hz |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : - |
| Power rating (RMS) | : 150 W |
| Peak music power output (MAX) | : 300 W |
| Sensitivity | : 97 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : 0.221 mm/N |
| Moving mass (Mms) | : 31 g |
| Mech. Q factor (Qms) | : 2.85 |
| Electr. Q factor (Qes) | : 0.36 |
| Total Q factor (Qts) | : 0.32 |
| Equivalent volume (Vas) | : 37.5 l |
| DC resistance (Re) | : 5.8 Ohm |
| Force factor (BxL) | : 13.79 Tm |
| Voice coil induct. (Le) | : 0.59 mH |
| Voice coil diameter | : $\tilde{\sim}$ 50 mm |
| Voice coil former | : Kapton |
| Linear excursion (X _{MAX}) | : \pm 2 mm |
| Eff. cone area (Sd) | : 363 cm ² |
| Magnet weight | : 1.2 kg |
| Magnet diameter | : $\tilde{\sim}$ 155 mm |
| Mounting cutout | : $\tilde{\sim}$ 229 mm |
| Mounting depth | : 102.5 mm |
| Mounting hole diameter | : $\tilde{\sim}$ 245 mm |
| Hole spacing X-axis | : - |
| Hole spacing Y-axis | : - |
| Dimensions | : $\tilde{\sim}$ 256 mm x 110 mm |
| Outside diameter | : $\tilde{\sim}$ 256 mm |
| Width | : $\tilde{\sim}$ 256 mm |

| | |
|-----------------------|-----------|
| Height | : - |
| Depth | : 110 mm |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 3.7 kg |
| Packing unit | : 1 |
| Type of speaker | : 10" |