

TFX0615/8

Order no.: 1001132

PRODUCT INFORMATION

Celestion is one of the finest-sounding names in the world of speakers.
The speakers of the TF series feature an excellent price-performance ratio and at the same time provide excellent sound characteristics. Thus, they are ideally suited for an application in high-performance PA speaker systems which provide a powerful sound.

PA coaxial speaker, 150 W, 8 Ω

- 16,5 cm (6½") coaxial speaker with robust steel basket
- 25 mm (1") tweeter with silk dome and neodymium magnet
- Integrated tweeter with waveguide
- Nominal radiation angle of tweeter: 110°

Manufacturer information:
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Importer:

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SPECIFICATIONS

TFX0615/8

Impedance (Z)	8 Ω
Transmission technology	cable
Frequency range	100-6,000 Hz (bass) 1,700-20,000 Hz (tweeter)
Resonant frequency (fs)	97 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	2,200 Hz
Power rating (RMS)	150 W (bass) / 10 W (tweeter)
Peak music power output (MAX)	300 W (bass) / 20 W (tweeter)
SPL	94 dB (bass) / 98 dB (tweeter)
Radiation angle, horizontal	110°
Radiation angle, vertical	110°
Suspension compl. (Cms)	0.21 mm/N
Moving mass (Mms)	12.62 g
Mech. Q factor (Qms)	3,038
Electr. Q factor (Qes)	0,429
Total Q factor (Qts)	0,376
Equivalent volume (Vas)	7.2 l
DC resistance (Re)	5.39 Ω
Force factor (BxL)	9.82 Tm
Voice coil induct. (Le)	0.46 mH
Voice coil diameter	Ø 38 mm (bass) / Ø 25 mm (tweeter)
Voice coil winding height	6 mm
Voice coil material	copper wire
Voice coil former	polyimide
Linear excursion (XMAX)	5.25 mm
Eff. cone area (Sd)	153.944 cm^2
Magnet weight	0.81 kg

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Mounting cutout	Ø 145 mm
Mounting depth	75.5 mm
Mounting hole diameter	Ø 168 mm
Dimensions	178 x 178 x 75.5 mm
Outside diameter	Ø 178 mm
Width	178 mm
Height	178 mm
Depth	75.5 mm
Colour	black
Weight	2.1 kg
Packing unit	1
Type of speaker	6.5"
Packaging dimensions (W x H x L)	0.24 x 0.15 x 0.24 m
Gross weight	2.65 kg
Net weight	2.1 kg

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EAN code	0739894634458
Net weight	2.1 kg