Type Number: XT25BG60-04

Features:

The goal for this tweeter series was to create a transducer that has a frequency response that is flat to above 20K, and where the distortion is far lower than normal and more friendly to the ear. The tweeters represent a unique approach to tweeter design that has resulted in unrivaled performance, as well as in several patents (Dual Ring Radiator diaphragm, wave-guide center plug).

Driver Highlights: Dual Ring Radiator diaphragm (Patent), Wave-guide center plug (Patent), copper-clad aluwire

Specs:

Electrical Data
Nominal impedance Zn 4 ohm
Minimum impedance Zmin -- ohm
Maximum impedance Zo 10.5 ohm
DC resistance Re 2.9 ohm
Voice coil inductance Le -- mH

T-S Parameters
Resonance Frequency fs 630 Hz
Mechanical Q factor Qms --
Electrical Q factor Qes --
Total Q factor Qts --
Force factor Bl 2.8 Tm
Mechanical resistance Rms 0.38 Kg/s
Moving mass Mms 0.3 g
Suspension compliance Cms 0.21 mm/N
Effective cone diameter D -- cm
Effective piston area Sd 5.4 cm^2
Equivalent volume Vas -- ltrs
Sensitivity (2.83V/1m) 92.4 dB

Power handling
Long-term Max Power (IEC 18.3) 550 W
Short Term Max power (IEC 18.2) -- W

Note: IEC

Voice Coil and Magnet Parameters
Voice coil diameter 26 mm
Voice coil height 2.2 mm
Voice coil layers 2
Height of the gap 2.5 mm
Flux density of gap -- mWb
Total useful flux -- mWb
Diameter of magnet -- mm
Height of magnet -- mm
Weight of magnet -- Kg

Notes:
All Tymphany products are RoHS compliant.