

● *Tweeter model: FSA642010-1800*

This compact Tweeter features an 8 ohm 1 inch voice coil, a damped Titanium dome diaphragm and dual Neodymium magnet motor system. The Tweeter features CCAW which extends high frequency response to 30KHz. This tweeter comes with a round frame to allow for easy installation into custom faceplates.

● *Transducer front and side images:*



● *Specifications:*

T-S Parameters

Resonance frequency [fs]	1660 Hz
Mechanical Q factor [Qms]	0.885
Electrical Q factor [Qes]	2.869
Total Q factor [Qts]	0.676
Force factor [Bl]	2.778 Tm
Mechanical resistance [Rms]	3.476 kg/s
Moving mass [Mms]	0.295 g
Compliance [Cms]	0.031 mm/N
Effective diaph. diameter [D]	30.5 mm
Effective piston area [Sd]	7.31 cm ²
Equivalent volume [Vas]	0.0024 l
Sensitivity (2.83V/1m)	88 dB
Ratio Bl/√Re	1.0 N/√W
Ratio fs/Qts	2455.6 Hz

Electrical Data

Nominal impedance [Zn]	8 Ω
Minimum impedance [Zmin]	6.975 Ω
Maximum impedance [Zo]	8.738 Ω
DC resistance [Re]	7.2 Ω
Voice coil inductance [Le]	0.039 mH

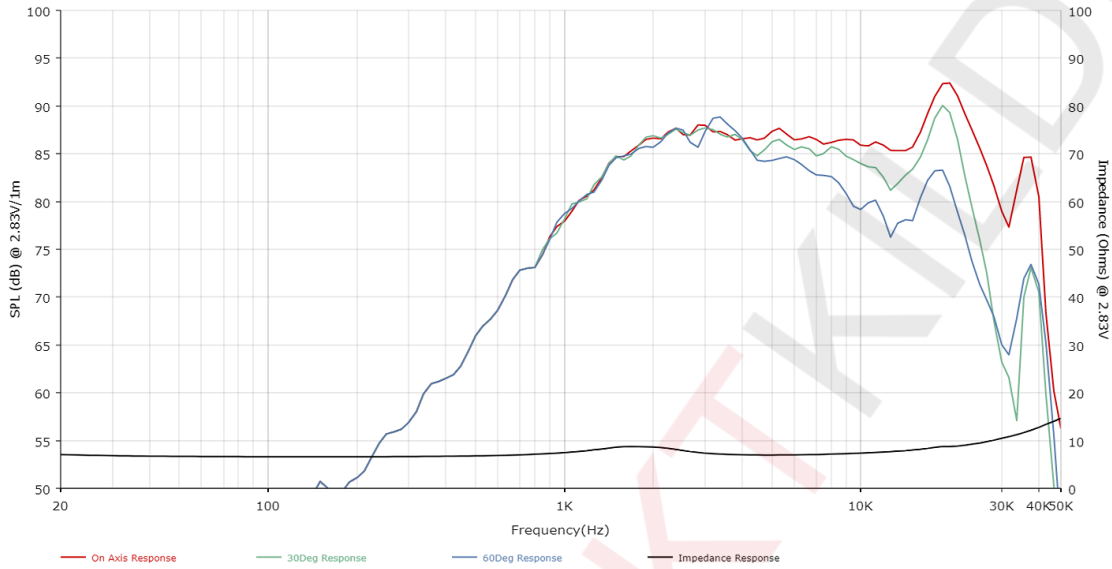
Power Handling

100h RMS noise test (IEC 18.4)	20 W
Long-term max power (IEC 18.2)	- W

Voice Coil & Magnet Data

Voice coil diameter	25.4 mm
Voice coil height	1.7 mm
Voice coil layers	2
Height of gap	2 mm
Linear excursion	± 0.15 mm
Max mech. excursion	± - mm
Unit weight	0.053 kg

Frequency Response / Impedance Curve:



Transducer front and side images:

