



Matrix 6.1 PP

AUDIOTEC
FISCHER
INNOVATIVE CAR AUDIO

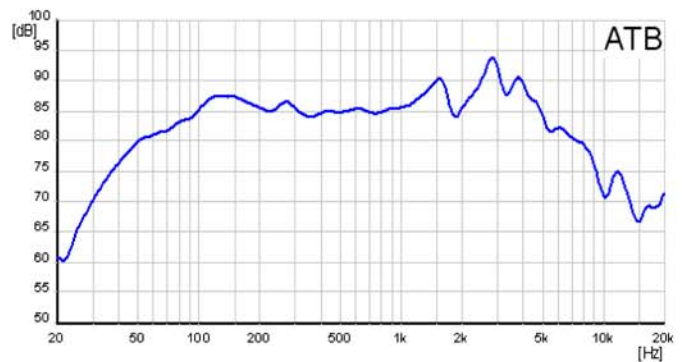
Gleichstromwiderstand / DC restance	R_{dc}	3,6 Ω
Nennimpedanz / Nominal impedance	Z_N	4 Ω
Resonanzfrequenz Resonance frequency	f_s	47,21 HZ

Spulendurchmesser Voice coil diameter	37 mm
Spulenbreite / Voice coil height	14 mm

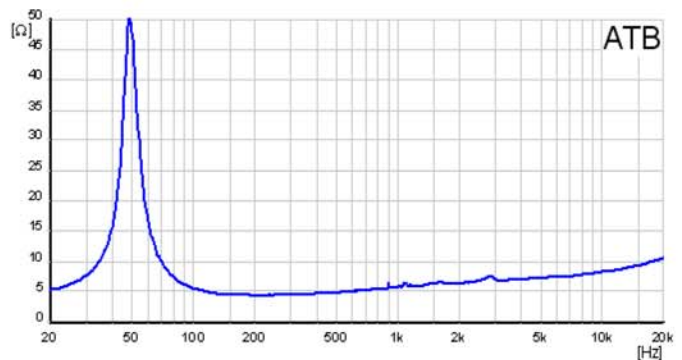
Mechanische Güte / Mechanical Q factor	Q_{ms}	4,45
Elektrische Güte / Electrical Q factor	Q_{es}	0,51
Gesamtgüte Total Q factor	Q_{ts}	0,46

Dynamisch bewegte Masse / Moving mass	m_d	16,07 g
Effektive Membranfläche / Effective piston area	S_m	135 cm ²
Mechanischer Widerstand / Mechanical resistance	R_{ms}	1,07 Kg/s
Nachgiebigkeit / Compliance	C_{ms}	0,71 mm/N
Antriebsfaktor / Force factor	BL	5,78 Tm
Äquivalentvolumen / Equivalent air volume	V_{as}	18,1 dm ³
Wirkungsgrad / Efficiency	η	0,36 %
SPL 1W/1m		87,53 dB
SPL 2,83V/1m		90,99 dB

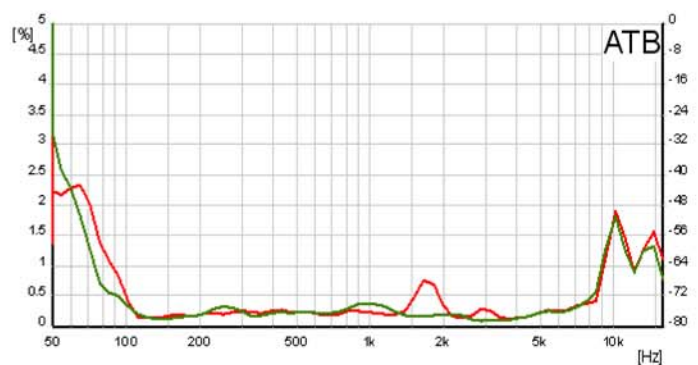
Frequenzgang / Frequency response [1W/1m]



Impedanzverlauf / Impedance



Klirrfaktoren / Harmonic Distortion [1w / 1m]



rot / red: K2

grün / green: K3