

SF-10186A

10"-350W WOOFER



KEY FEATURES

350W AES Power Handling
65mm(2.6 in) copper-clad aluminium voice coil
56-4 K Hz response
95 dB SPL



TYPICAL CHARACTERISTICS

Nominal Diameter	–	mm	261
Rated impedance	–	Ω	8
Half space sensitivity (1w@1m)	–	dB SPL	95
Usable freq. range	–	Hz	58–4000
AES Power handling (1)	–	W	350
Maximum Power Handling (2)	–	W	700
Max Sound Pressure Level	SPLmax	dB SPL	102
Magnet Diameter	–	mm	156
Voice Coil Diameter	–	mm	65
BL product	BL	N/A	15.20
Moving mass	Mms	kg	0.036

THIELE-SMALL PARAMETERS: TYPICAL (QC LIMITS)

Resonance frequency	Fs	Hz	56(± 9)
DC Resistance	Re	Ω	5.5(± 0.6)
Mechanical quality factor	Qms	1	5.3
Electrical quality factor	Qes	1	0.37
Total quality factor	Qts	1	0.33
Mechanical suspension compliance	Cms	10 ⁻⁶ .m/N	200
Effective piston area	Sd	m ²	0.0356
Equivalent Cas air load	Vas	m ³	0.035
Max linear excursion	Xmax	± mm	5.0
Linear displacement volume	Vd	10 ⁻³ .m ³	0.142
Reference efficiency	h0	%	2.5
Unity load volume	Vas.Qts ²	10 ⁻³ .m ³	2.6

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	261 mm
Bolt Circle Diameter	246 mm
Baffle Cutout Diameter	232 mm
Depth	115 mm
Net Weight	5.62 kg
Shipping Weight	5.8 kg
Shipping Box	270x270x125 mm

NOTE:

(1) 2 Hours Test According to AES 2–1984 Rev. 2003

(2) Maximum power is defined as 3dB greater than nominal power

ABSOLUTE MAXIMUM RATINGS

Short term max. input voltage	Vmax	V	42
Max.excursion before damage	Xdam	± mm	12
Ambient operating temperature	Ta	°C	–10 to +50
Storage temperature	–	°C	–20 to +70
Environmental withstanding Q	–	–	Outdoor

