



FR89EX fullrange

Feature

- Underhung motor design
- +/-5mm linear excursion
- 25mm voice coil
- Low distortion, fast transient
- high power handling

Specification		Magnet system	
Overall Dimension	D88.4*46.90mm	Magnet system type	Neodymium
Net. Weight	525g	Magnetic Gap Height	14mm
Nominal Power Handling	25W *	Flux Density	0.85 Tesla
Nominal Impedance	4 Ohm	BL product	2.861
Sensitivity 1W/1M	83.7dB	Max Linear Excursion	5mm +/-
Frequency Response	70-20KHz	T/S parameter	
Resonant Frequency	96Hz	Cms	1.047mm/N
Voice Coil		Sd	136.85cm ²
Voice Coil Diameter	25mm	Vas	1.111L
Voice Height	4mm	Mmd	2.507g
Voice Coil Former	Aluminum	Mms	2.587g
Voice wire	copper ribbon	Qms	1.47
Number of Layers	1	Qes	0.653
DC Resistance	3.4 Ohm	Qts	0.452

*IEC268-5 standard

SPL vs Freq

