

- Ideal for high output, high quality two-way and multiple way systems, small line array systems, where small form factor is required

Compact, High Frequency Compression Driver Ordering code: 075NCD-052

Cont. Power	Sens.	Fs	Freq. Range	VC Dia.	VC Wire	Cone/Surround/Dome	Magnet type
25 watts	109 dB	2,300 Hz	2,000 Hz - 18 kHz	25.4mm	CCAW	Polyimide	Neodymium

The 100FCD compression driver is a high performance, high frequency device ideal for professional loudspeaker systems. The driver's ferrite based magnetic circuit provides a robust, high force BL field, providing precision control of the Polyimide diaphragm assembly. The unit delivers the frequency response and high power handling through 1.0inch exit throat.

Diaphragm Assembly

The driver features a 25mm Polyimide diaphragm formed as single piece with Polyimide suspension.

The dome is carefully attached to a high temperature Kapton voice coil former that withstands the long term power characteristics typically seen in professional applications. The acoustic output exits through a bullet phase plug and a 1.0 inch throat aperture. Nominal sensitivity is 105.5 dB 1watt / 1 meter.



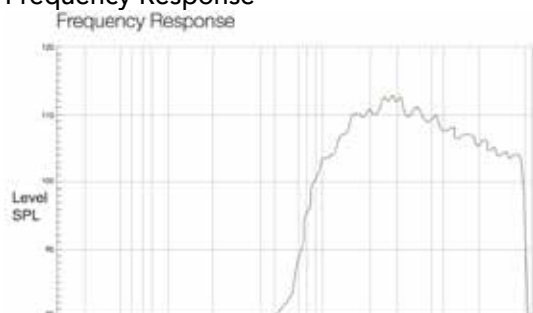
General Specifications

Exit Throat Diameter:	19 mm (0.75 in.)
Rated Impedance:	8 Ohm (or 16 ohm)
Power Handling:	
AES Power:	15 Watts
Program Power:	25 Watts
Sensitivity:	109 dB
Frequency Range:	2,000 Hz - 18,000 Hz
Minimum Recommended Xover Freq.:	>2,500 Hz
Minimum Impedance:	7.32 Ohms at 25C
Voice Coil Diameter:	25.4mm (1.0 in.)
Voice Coil Winding Wire Material:	Edge Wound CCAW
Diaphragm:	Polyimide composite
Flux Density:	1.65 T
Magnetic Material:	Neodymium
Fs	2,300 Hz

Mounting Information

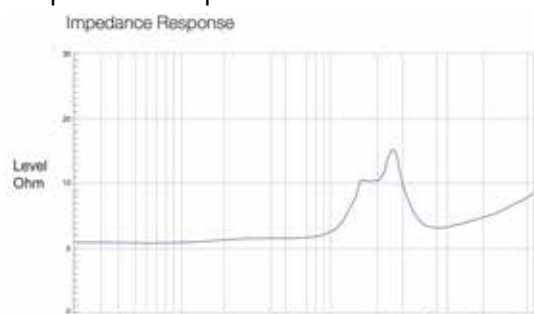
No. Of mounting holes	4 holes mounting pattern
4x M4 Holes	53 mm (14.64 in.) Dia.
Total depth	33.95 mm (2.08 in.)
Total outside dimension	59.5 mm Dia.
Net weight	0.17 kg (0.4 lbs.)

Frequency Response



Frequency response measurement with transducer mounted on constant directivity horn

Impedance Response



Impedance measured in free air without a horn

