

0.75" 075NCD

Compression Driver



Key features:

- HIGH SENSITIVITY IN VERY SMALL BODY
- LIGHTWEIGHT, SUITABLE FOR PORTABLE PRODUCTS

Design notes:

The 075NCD compression driver is a high performance, high frequency device ideal for professional loudspeaker systems, high output hi-fi systems and after market car audio applications. The driver's neodymium 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 0.75 inch exit throat. Diaphragm Assembly
The driver features a 19mm 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 0.75 inch throat aperture. Nominal sensitivity is 109 dB 1watt / 1 meter.

Specifications:

General specs	
Nominal Diameter:	0.75 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	20 watts
Program Power:	40 watts
Peak Power:	80 watts
Voice Coil	
Diameter:	19 mm
Winding wire:	CCAW
Former:	kapton
Winding height:	2.3 mm

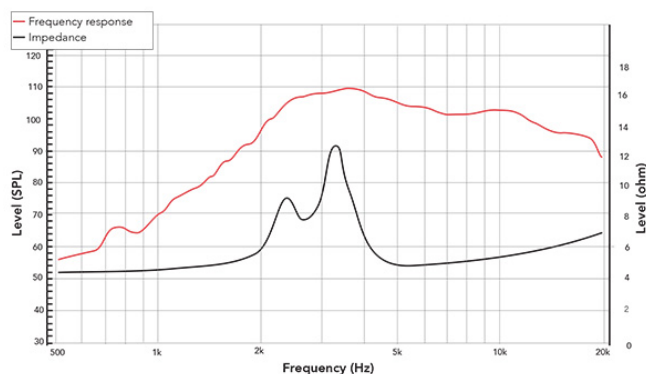
T/S Parameters	
Resonant frequency:	2300 Hz
Re:	7 ohm
Sensitivity:	100 dB

Design details	
Dome Material:	PEN
Surround material:	PEN
Magnet material:	Neodymium
Overall diameter:	59.5 mm
Bolt circle diameter:	53 mm
Mounting holes:	4
Depth:	35 mm
Net weight:	0.17 kg

Ordering codes:	
CD-0.75-001-8R-B2-C0001	
Legacy code: 075NCDX8-015	
Recone kits:	
RC075NCDX8-015	

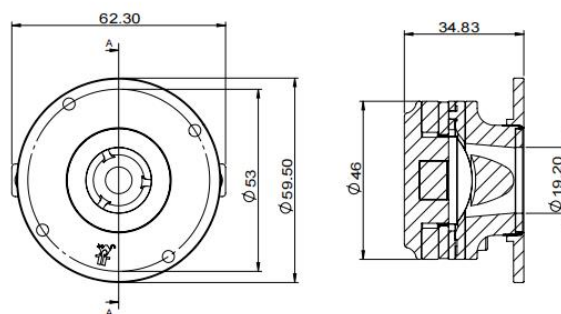
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance



Frequency response measured on IEC baffle

2D drawing



info@redcatt.net

www.redcatt.net