

**2"****181FCD**

# Ferrite Compression Driver



## Key features:

- EXTENDED FREQUENCY RESPONSE
- FEM OPTIMIZED MAGNETIC STRUCTURE
- USE IN LARGER SPEAKER SYSTEMS

## Design notes:

The 181FCD compression driver is a very high performance high frequency device ideal for professional loud-speaker systems. The driver's dome is carefully attached to based magnetic circuit provides a robust, high force BL field, providing precision control of the Polyimide diaphragm assembly. We have optimized the overall performance of this compression driver to deliver pleasant sound.

## Specifications:

### General specs

Nominal Diameter: 2"

Rated Impedance: 8 ohm

### Power handling

AES Power: 70 watts

Program Power: 140 watts

Peak Power: 280 watts

### Voice Coil

Diameter: 1.8 in.

Winding wire: Aluminum Sq.

Former: NSV

### T/S Parameters

Resonant frequency: 1500 Hz

Nominal sensitivity: 109 dB

Re: 5.2 ohm

Le: n/a mH

### Design details

Dome Material: Polymer

Surround material: Polymer

Magnet material: Ferrite

Overall diameter: 110 mm

Bolt circle diameter: 57 mm

Throat diameter: 26mm mm

Number of mounting holes: 4

Depth (front to rear): 62.83 mm

Net weight: 1.75kg

### Ordering codes:

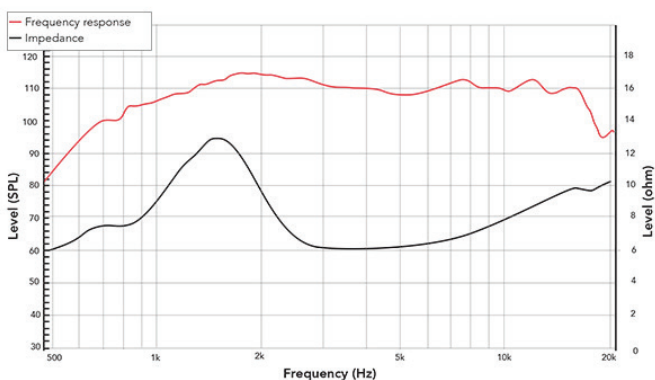
181FCDX-227D

### Recone kits:

RC181FCDX-227D

In many cases REDCATT produces 4 ohms, 8 ohms and 16 ohms versions. Indicate what impedance do you need in your request.

## Frequency response & Impedance



Frequency response measured on IAC baffle

## 2D drawing

