

**4"****41FR**

# Ferrite Full-Range



### Key features:

- VERY GOOD PERFORMANCE AT AFFORDABLE PRICE
- EXCELLENT HF EXTENSION
- CAN BE USED IN ARRAY APPLICATIONS, OR 2-WAY SYSTEMS, POSSIBLE TO USE WITHOUT HF DRIVER

### Design notes:

41FR is ferrite based mid-woofer, developed for applications where small size mid-woofer is required. This version was developed with extended HF response and in some cases could be used as full-range driver. Yet, this driver delivers very good performance low frequency range as well.

Our engineers have chosen light-weight, yet strong, paper cone with rubber surround. Cone optimized shape brings remarkable strength of the piston and greatly

improves harmonic distortion artifacts.

Overall this model delivers very good performance and is well balanced between performance - cost.

### Specifications:

#### General specs

Nominal Diameter: 4"

Rated Impedance: 8 ohm

#### Power handling

AES Power: 20 watts

Program Power: 40 watts

Peak Power: 80 watts

#### Voice Coil

Diameter: 1 in.

Winding wire: CCAW

Former: kapton

Winding height: 7.2 mm

#### T/S Parameters

Resonant frequency: 134 Hz

Re: 5.6 ohm

Qes: 0.81

Qms: 10.6

Qts: 0.75

Vas: 1.3 liters

Sd: 50.3 cm<sup>2</sup>

Sensitivity: 89.44 dB

Mms: 3.8 grams

Bl: 4.78

Le: 0.09 mH

#### Design details

Surround Material: Fabric

Cone material: Paper

Spider: Nomex

Plate thickness: 5 mm

Peak to peak linear cone displacement: 3.5 mm

Overall diameter: 105.5 mm

Bolt circle diameter: 106 mm

Baffle cutout dia.: 93.6 mm

Number of mounting holes: 4

Depth (flange to rear): 55.9 mm

Net weight: 0.78kg

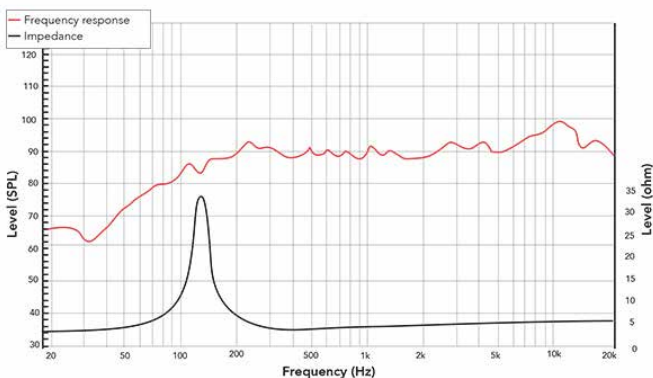
#### Ordering codes:

41FRX8-360B

#### Recone kits:

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

