

10" 101FWH

Sub-woofer



Key features:

- FIBER REINFORCED PAPER CONE
- TWO DEMODULATION RINGS
- OPTIMIZED AIR VENTILATION

Design notes:

Introducing the 101FWH: the latest iteration of our award-winning 10FWH woofer model. This high-efficiency 10-inch subwoofer delivers an impressive 87dB sensitivity (1 watt / 1 meter), offering extended low-frequency response and robust power handling capabilities.

Crafted with a fiber-reinforced paper cone assembly and a single roll rubber surround, the 101FWH is built for durability and performance. Its Nomex spider, featuring stitched tinsel wires, ensures long-lasting

reliability even in high-powered applications. Enhanced back plate space and additional venting have been integrated to optimize power handling and cooling, making this woofer truly exceptional.

The carefully selected materials provide remarkable strength, high efficiency, and sustained output under extreme conditions.

On the magnetic front, our REDCATT engineers have designed a cutting-edge ferrite-based magnetic circuit that sets a new

standard for performance. This innovative design features a consistent, high-integrity magnetic flux gap, ultra-low distortion characteristics, and an efficient cooling system. With integrated aluminum shorting rings, the magnetic circuit minimizes flux modulation, ensuring exceptional stability and reliability.

Experience the power and precision of the 101FWH—where cutting-edge technology meets outstanding performance.

Specifications:

General specs	
Nominal Diameter:	10 "
Rated Impedance:	8 ohm
Power handling	
AES Power:	200 watts
Program Power:	400 watts
Peak Power:	800 watts
Voice Coil	
Diameter:	50.8 mm
Winding wire:	Copper
Former:	Aluminum
Winding height:	32.3 mm

T/S Parameters	
Resonant frequency:	25 Hz
Re:	5.8 ohm
Qes:	0.43
Qms:	1.76
Qts:	0.34
Vas:	73.3 liters
Sd:	363 cm ²
Sensitivity:	87 dB
Mms:	100.2 grams
Bl:	14.6
Le:	0.63 mH

Design details	
Surround Material:	NBR
Cone material:	Paper GF
Spider:	Nomex
Plate thickness:	8 mm
Overall diameter:	269 mm
Bolt circle diameter:	257 mm
Baffle cutout dia.:	238 mm
Mounting holes:	8
Depth:	123 mm
Net weight:	6 kg

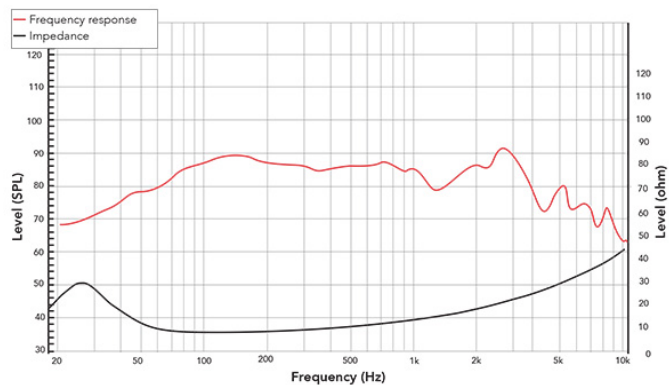
Ordering code:

DR-10-006-8R-B2-C0001

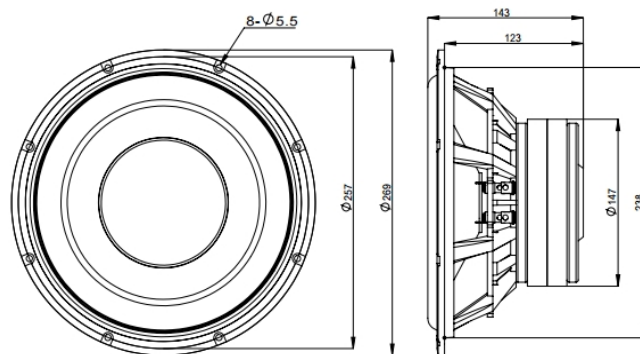
In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.

Frequency response & Impedance

2D drawing



Frequency response measured on IEC baffle



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