

1" 101NCD

Compression Driver



Key features:

- IDEAL FOR COMPACT LINE-ARRAYS
- HIGH POWER HANDLING
- LOW DISTORTION, HIGH SPL

Design notes:

The 101NCD compact size compression driver is a very high performance, high frequency device ideal for compact professional loudspeaker systems. The driver neodymium based magnetic circuit provides precision control over Polyamide diaphragm assembly in very compact package. The unit delivers extended frequency response and

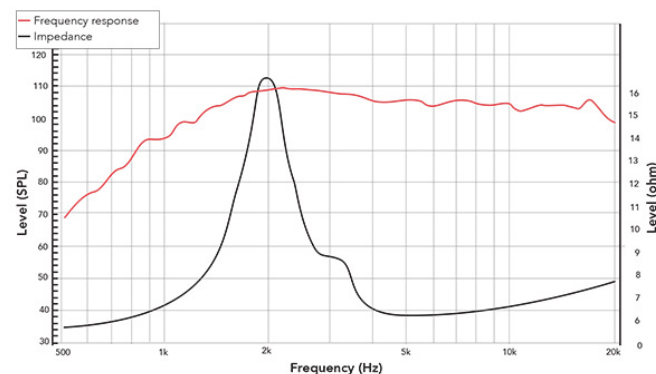
high power handling throughout 1.0 inch exit throat. The diaphragm is carefully attached to a high temperature Nomex voice coil former that can withstand the long term power handling characteristic typically seen in professional audio applications. REDCATT uses state of the art adhesives in all assembly steps. Our voice coil to dome

bonding is unique process, developed to greatly improve the power handling capabilities. REDCATT unique and precise adhesives dispensing, combined with our in-house developed dome treatments are further improving the long term reliability of this product.

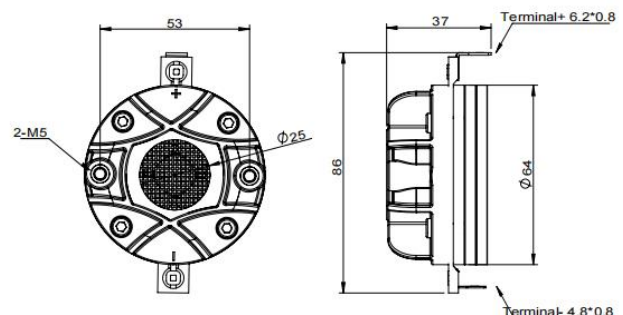
Specifications:

General specs		T/S Parameters		Design details		Ordering codes:	
Nominal Diameter:	1 "	Resonant frequency:	1900 Hz	Dome Material:	Kapton	CD-1-016-8R-B2-C0001	
Rated Impedance:	8 ohm	Re:	4.6 ohm	Surround material:	N/A	Legacy code: 101NCDX8-160	
Power handling		Sensitivity:	108.5 dB	Magnet material:	Neodymium	Recone kits:	
AES Power:	20 watts			Overall diameter:	86 mm	RC101NCDX8-160	
Program Power:	40 watts			Bolt circle diameter:	53 mm	In many cases REDCATT produces 4, 8 and 16 ohm versions — indicate what impedance you need in your request.	
Peak Power:	80 watts			Mounting holes:	2		
Voice Coil				Depth:	37 mm		
Diameter:	25.4 mm			Net weight:	0.615 kg		
Winding wire:	CCAW						
Former:	kapton						
Winding height:	1.8 mm						

Frequency response & Impedance



2D drawing



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