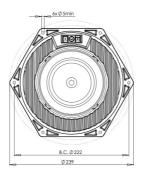


**8NSM64** 8Ω

# LF Drivers - 8.0 Inches







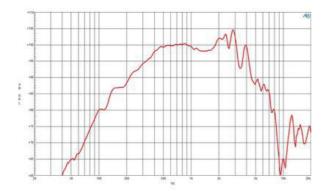
- 500 W continuous program power capacity
- 64 mm (2.5 in) aluminium voice coil245 2000 Hz response
- 100 dB sensitivity
- Ideal for Direct Radiation and Horn Loaded Midrange application

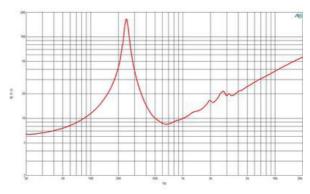


## **DESCRIPTION**

Available exclusively with 6.3+4.8 mm fast-on terminal tab

#### LF Drivers- 8.0 Inches





#### **SPECIFICATIONS**

| Nominal Diameter                       | 200 mm (8.0 in)  |
|--|------------------|
| Nominal Impedance                      | 8 Ω              |
| Minimum Impedance                      | 8.2 Ω            |
| Nominal Power Handling <sup>1</sup>    | 250 W            |
| Continuous Power Handling <sup>2</sup> | 500 W            |
| Sensitivity <sup>3</sup>               | 100.0 dE         |
| Frequency Range                        | 245 - 2000 Hz    |
| Voice Coil Diameter                    | 64 mm (2.5 in    |
| Winding Material                       | Aluminium        |
| Former Material                        | Glass Fibre      |
| Winding Depth                          | 13.0 mm (0.51 in |
| Magnetic Gap Depth                     | 10.0 mm (0.39 in |
| Flux Density                           | 1.55 T           |

#### DESIGN

| Surround Shape              | Double Roll           |
|-----------------------------|-----------------------|
| Cone Shape                  | Radial                |
| Magnet Material             | Neodymium Ring        |
| Spider                      | Single                |
| Pole Design                 | T-Pole                |
| Woofer Cone Treatment<br>WP | Waterproof Front Side |

### PARAMETERS<sup>4</sup>

| Resonance Frequency | 245 Hz  |
|---------------------|---|
| Re                  | 5.7 Ω   |
| Qes                 | 0.35  |
| Qms                 | 9.3   |
| Qts                 | 0.34  |
| Vas                 | 1.5 dm <sup>3</sup> (0.05 ft <sup>3</sup> )   |
| Sd                  | 220.0 cm <sup>2</sup> (34.1 in <sup>2</sup> ) |
| ηο                  | 4.5 %   |
| Xmax                | 2.0 mm  |
| Xvar                | 1.7 mm  |
| Mms                 | 19.0 g  |
| Bl                  | 22.0 Txm                                      |
| Le                  | 0.6 mH  |
| EBP                 | 700 Hz  |

## MOUNTING AND SHIPPING INFO

| Overall Diameter  | 239 mm (9.41 in)     |  |
|---|----------------------|--|
| Bolt Circle Diameter  | 222 mm (8.74 in)     |  |
| Baffle Cutout Diameter  | 200.0 mm (7.87 in)   |  |
| Depth   | 115 mm (4.53 in)     |  |
| Flange and Gasket Thickne   | ess 16 mm (0.63 in)  |  |
| Air Volume Occupied by Driver $3.5  \text{dm}^3  (0.12  \text{ft}^3)$ |                      |  |
| Net Weight  | 4.85 kg (10.69 lb)   |  |
| Shipping Units  | 1                    |  |
| Shipping Weight   | 5.45 kg (12.02 lb)   |  |
| Shipping Box<br>295x314x175 mm (1                                     | 11.61.12.26.6.00 (.) |  |

#### **SERVICE KIT**

RCK008NSM648

 <sup>2</sup> hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.