



SANWAY AUDIO

<https://www.china-sanway.com>

# 18NW1002-8

18 inch Neodymium Woofer

### Features:

- 1200W Nominal Power
- 2400 W continuous program power capacity
- 100 mm (4 in) copper voice coil
- Neodymium magnet



### Electrical Parameters

|      |             |
|------|-------------|
| Re   | 5.19 Ohm    |
| Le   | 1.539 mH    |
| L2   | 1.996mH     |
| R2   | 4.69 Ohm    |
| Cmes | 294 $\mu$ F |
| Lces | 59.02mH     |
| Res  | 173.03Ohm   |
| fs   | 38.2Hz      |

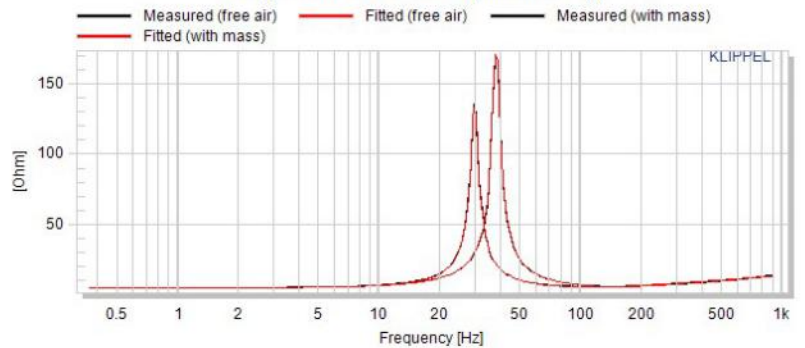
### Mechanical Parameters

|          |            |
|----------|------------|
| Mms      | 214.975 g  |
| Mmd (Sd) | 167.234g   |
| Rms      | 4.225 kg/s |
| Cms      | 0.081 mm/N |
| Kms      | 12.39 N/mm |
| Bl       | 27.039N/A  |

### Loss factors

|     |        |
|-----|--------|
| Qtp | 0.359  |
| Qms | 12.213 |
| Qes | 0.366  |
| Qts | 0.356  |

Magnitude of electric impedance Z(f)



### Other Parameters

|                 |                         |
|-----------------|-------------------------|
| Vas             | 168.1089 l              |
| n0              | 2.461%                  |
| Lm              | 96.11dB                 |
| Lnom            | 97.99dB                 |
| rmse Z          | 3.01%                   |
| Series resistor | 0.00Ohm                 |
| Madd            | 150.000g                |
| Sd              | 1213.04 cm <sup>2</sup> |