



SUF7010

2.75" Full Range Speaker Unit

The SUFR7010 is a 2.75-inch 4-ohm 10Watt full range speaker with powerful Ferrite motor.

Features:

- Paper cone equipped with special-designed large roll rubber surround for a dynamic linear response to high excursion input signals.
- High sensitivity at voice range and low cost.
- Four mounting holes on the front frame for easy installation.
- Venting under the spider to aid the cooling of the motor.



T-S Parameters:

| | |
|-------------------------------|----------------------|
| Resonance frequency [fs] | 100Hz |
| Mechanical Q factor [Qms] | 2.52 |
| Electrical Q factor [Qes] | 0.97 |
| Total Q factor [Qts] | 0.70 |
| Force factor [Bl] | 2.58Tm |
| Mechanical resistance [Rms] | 0.65kg/s |
| Moving mass [Mms] | 2.62g |
| Compliance [Cms] | 82.52mcm/N |
| Effective diaph. diameter [D] | 64mm |
| Effective piston area [Sd] | 32.67cm ² |
| Equivalent volume [Vas] | 1.25L |
| Sensitivity (2,83V/1m) | 79dB |

Electrical Data:

| | |
|----------------------------|----------------|
| Normal impedance [Zn] | 4.27Ω at 1kHz |
| Minimum impedance [Zmin] | 3.90Ω |
| Maximum impedance [Zo] | 16.60Ω |
| DC resistance [Re] | 3.72Ω |
| Voice coil inductance [Le] | 0.18mH at 1kHz |

Mechanical Data:

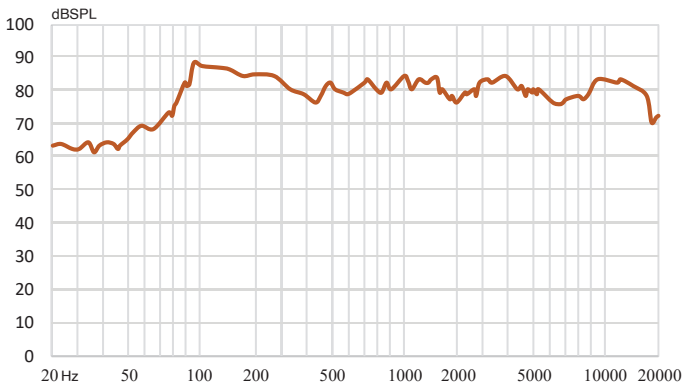
| | |
|----------------------------|---------|
| Voice coil diameter | 20.4mm |
| Voice coil height | 6mm |
| Voice coil layer | 1 |
| Gap height | 3.5mm |
| Linear excursion | ± 1.0mm |
| Max mech. excursion | ± 3.0mm |
| Unit weight | 286g |
| Driver displacement volume | 0.03L |

Power Handling:

| | |
|-------------------------------|-----|
| Rated power input (IEC 268-5) | 10W |
| Max power input (IEC 268-5) | 15W |

Frequency Response

SPL vs Freq



Mechanical Drawing

(Nominal Dimensions, mm)

