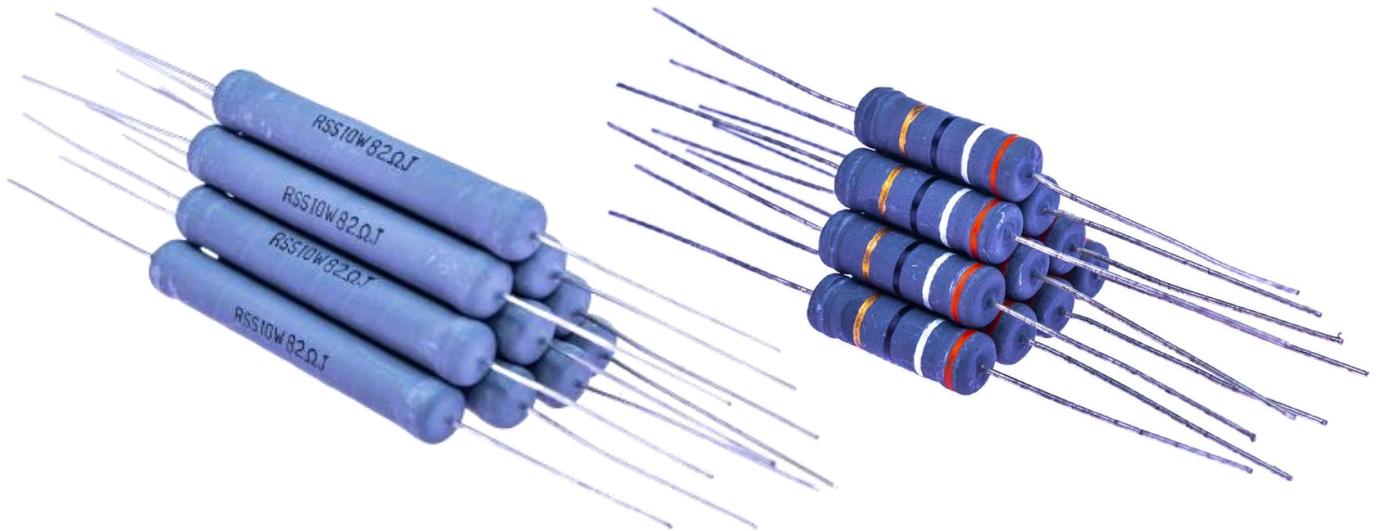


JANTZEN AUDIO

MOX

FOIL BASED AUDIO RESISTORS

5 & 10 watt



PRODUCT FEATURES

The MOX resistors are high quality foil-based audio grade resistors.

They feature a high temperature tolerance and are very resistant to shock.

These resistors have always been a staple for professional audio manufacturers and DIY enthusiasts.

The MOX resistors offer great performance, but at a very affordable price point.

Available in both 5 watt and 10 watt.

TECHNICAL DATA

- Foil based audio resistors
- Resistance tolerance: 5%
- MOX resistors are foil based and can therefore reach higher resistance values than wire wound resistors
- Instant overload capacity
- Very high heat dissipation with a small linear temperature coefficient
- Low annual shift
- Flame proof wrapping
- Dimension 5 watt MOX: \varnothing 8.5 mm/L 24 mm
- Dimension 10 watt MOX: \varnothing 8.5 mm/L 53 mm

TECHNICAL DATA

- Operating temperature range: -55°C ~ 155
- Resistance temperature coefficient:

It shall be within $\pm 300\text{ppm}/^\circ\text{C}$.

$$\text{T.C (ppm}/^\circ\text{C)} = [(R2 - R1) \div R1] \times [1 \div (T2 - T1)] \times 10^6$$

where R1: resistance value at reference temperature

R2: resistance value at test temp.

T1: reference temp. (usu. 25°C)

T2: test temp. (about 75°C)

- Temperature cycle:

Following temp. cycles are to be made 5 times and then put at room temp. for one hour, the resistance value change rate between pre-and-post test shall be within $\pm 1\%$

| Steps | Temperature(°C) | Time (minutes) |
|----------------------|-----------------|----------------|
| 1 st step | -55 ± 3 | 30 |
| 2 nd step | Room temp. | 3 |
| 3 rd step | 155 ± 3 | 30 |
| 4 th step | Room temp. | 3 |

