

Bone Conductor - Data Sheet

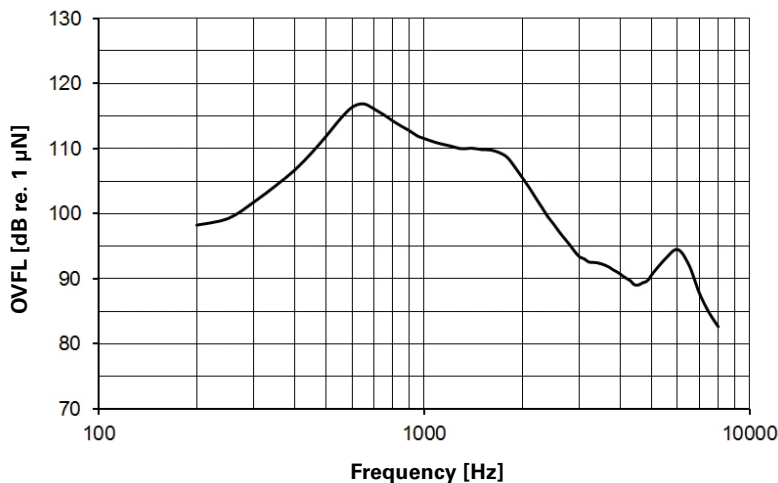
Mechanical Data

- Weight approx. 10 g
- Dimensions Length: 24.35 mm
Width: 19.25 mm
Height: 14.75 mm
- Housing Colours Different Colours
- Connection 2-pin (acc. DIN IEC 60118-12)

Electrical Data

- DC Resistance 13 Ohm \pm 10 %
- Nominal Impedance @ 1 kHz 47 Ohm \pm 20 %
- Max. Output (@ 1 V const.) 117 dB OVFL \pm 3 dB @ 650 Hz
- Sensitivity (@ 1 V const.) 112 dB OVFL \pm 3 dB @ 1 kHz

Frequency Response



Warnings

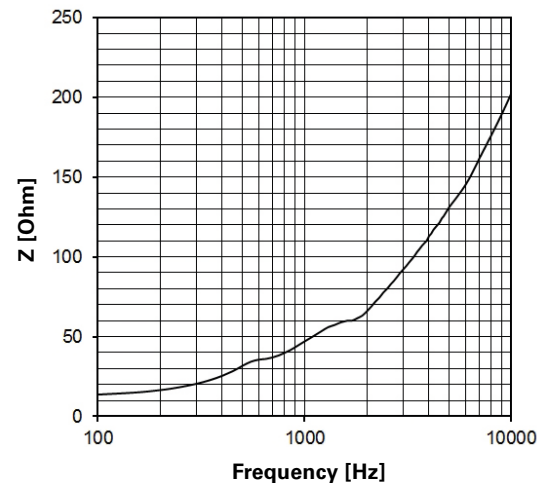
- In order to avoid possible damage, the fitting of the device must be carried out by an authorized hearing aid expert!
- Swallowing of Bone Conductors may be hazardous to your health and may cause severe injuries and even death!
- Keep Bone Conductor, which you have taken off, out of reach of other persons or children!
- For extra hygienic and skin-protective cleaning, special cleaning products must be used!



Measuring Conditions

- Artificial Mastoid Brüel & Kjaer 4930 with static force 2.5 N
- 1 V constant supply
- Compensation for the transmission through the Artificial Mastoid via post processing of all measurements

Impedance Curve



Changes may be done without any notice in order to improve product performance.