

Sound Propagation Level Calculator

Interactive noise source-to-receiver diagram with barrier calculations

Sound Propagation Level Calculator (Version 3.6) - MAS Environmental Ltd 2021 - www.masenv.co.uk

⚠ ISO9613-2: Barrier effect is limited to 25dB.

Single Frequency
 Multi Spectrum

SCALE

Source

63	125	250	500	1k	2k	4k	8k	Hz
100	100	100	100	100	100	100	100	dB

Total Sound Power Level 109 dB

Receiver A-Weighted

63	125	250	500	1k	2k	4k	8k	Hz
30.9	26.5	25.6	25.5	25.2	24.9	23.9	20.1	dB

Resulting Sound Pressure Level 35.3 dB

Barriers Apply ISO limit

No barriers	Single barrier	Double barrier	Building
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Display

Off	Grid (m)	Distance (m)	Wavelength (λ)
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Environmental Parameters

24 °C Temperature

70 % Humidity

1 Ground Factor (G) Hard Soft

Original IS ▼

Options

[Reset all values](#)

[Link to this calculation](#)

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