

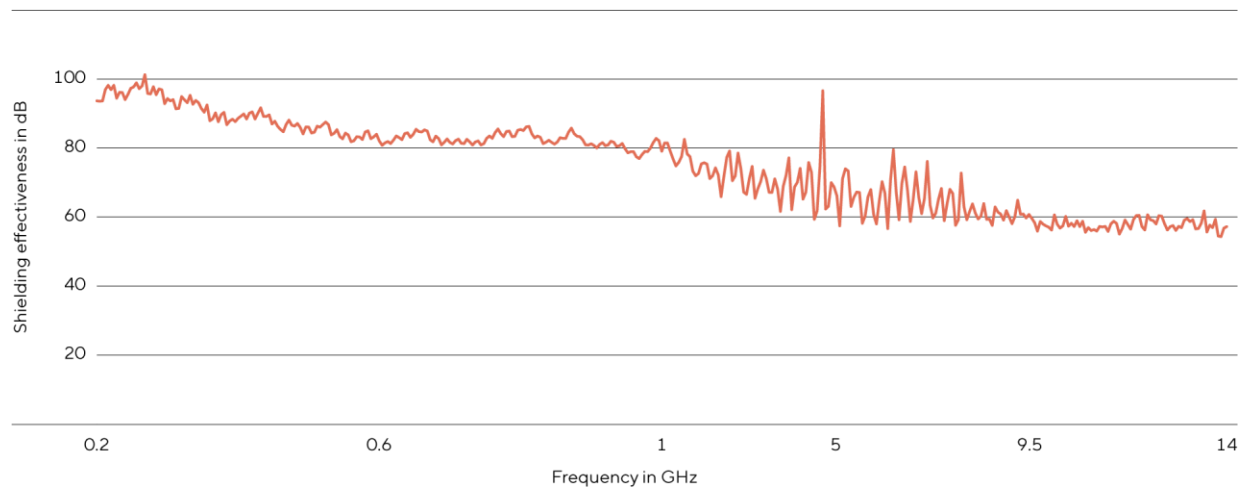


## Shieldex<sup>®</sup> Nikko

140401100



Shielding effectiveness 0.2 - 14 GHz according to IEEE 299/2006





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140401100

<b>Raw Material</b>	100 % Polyamid / Nylon 6.6
<b>Non-woven</b>	Cerex-II® 1.1 oz spunbonded
<b>Metal Plated</b>	Copper + Nickel
<b>Metal Content</b>	43 ± 2 % Copper + 8 ± 2 % Nickel
<b>Electrical Surface Resistivity</b>	< 0.02 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of < 85 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of < 71 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of < 61 dB from 5 GHz – 14 GHz
<b>Total Weight</b>	88 g/m <sup>2</sup> ± 15 %
<b>Total Thickness</b>	0.15 mm ± 25 %
<b>Roll Width</b>	100 ± 3-5 cm
<b>Roll Length</b>	< 340 m
<b>Temperature Range</b>	-30 °C to 90 °C
<b>Storage and Handling</b>	According to our care and handling instructions
<b>Compliance and Certification</b>	DIN EN ISO 9001:2015, REACH, RoHS

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