

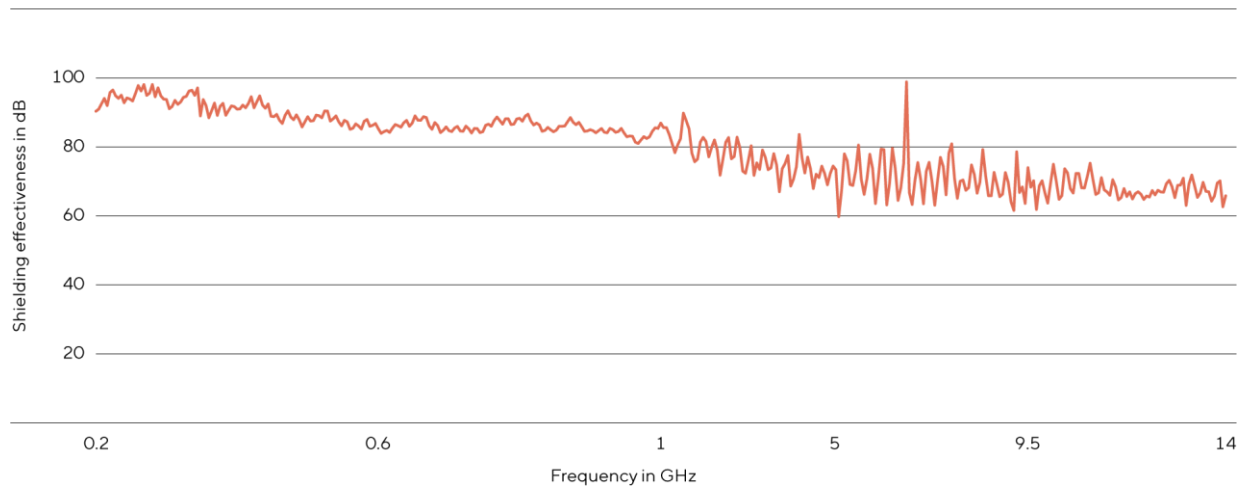


## Shieldex<sup>®</sup> Kassel RS

1300101130



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





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<b>Raw Material</b>	100 % Polyamide / Nylon 6.6
<b>Weave</b>	Ripstop
<b>Thread density warp</b>	≈ 480-500 threads/dm
<b>Thread density weft</b>	≈ 450-490 threads/dm
<b>Metal Plated</b>	Silver + Copper
<b>Material Composition</b>	(38 % PA / 9 % Ag / 49 % Cu / 4 % CR Coating) ± 10 %
<b>+ CR Coating</b>	Protective acrylic coating
<b>Electrical Surface Resistivity</b>	≤ 0.03 Ω/□
<b>Measured Frequency</b>	0.2 GHz - 14 GHz
<b>Shielding Effectiveness</b>	Up to 80 dB
<b>Total Weight</b>	85 g/m <sup>2</sup> ± 12 %
<b>Total Thickness</b>	0.11 mm ± 10 %
<b>Roll Width</b>	134 ± 4 cm
<b>Roll Length</b>	Average 200 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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