

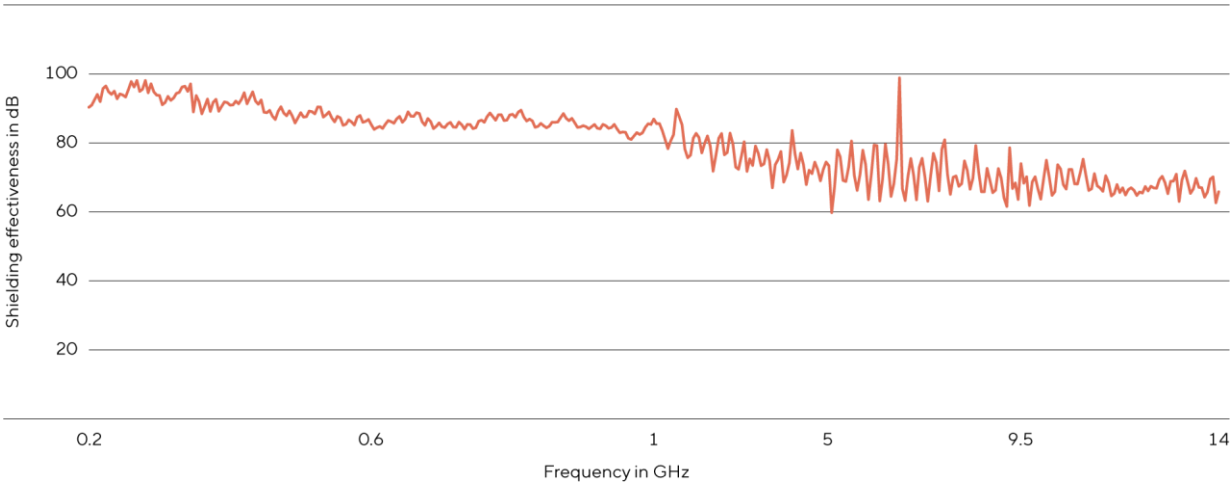


Shieldex[®] Kassel RS

1300101130



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



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Raw Material	100 % Polyamide / Nylon 6.6
Weave	Ripstop
Thread density warp	≈ 480-500 threads/dm
Thread density weft	≈ 450-490 threads/dm
Metal Plated	Silver + Copper
Material Composition	(38 % PA / 9 % Ag / 49 % Cu / 4 % CR Coating) ± 10 %
+ CR Coating	Protective acrylic coating
Electrical Surface Resistivity	≤ 0.03 Ω/□
Measured Frequency	0.2 GHz - 14 GHz
Shielding Effectiveness 1	Average of 88 dB from 0.2 GHz - 2 GHz
Shielding Effectiveness 2	Average of 75 dB from 2 GHz - 5 GHz
Shielding Effectiveness 3	Average of 70 dB from 5 GHz - 14 GHz
Total Weight	85 g/m ² ± 12 %
Total Thickness	0.11 mm ± 10 %
Roll Width	131 ± 4 cm
Roll Length	Average 200 m
Temperature Range	-30 °C to 90 °C
Storage and Handling	According to our care and handling instructions
Compliance and Certification	DIN EN ISO 9001:2015, REACH, RoHS

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