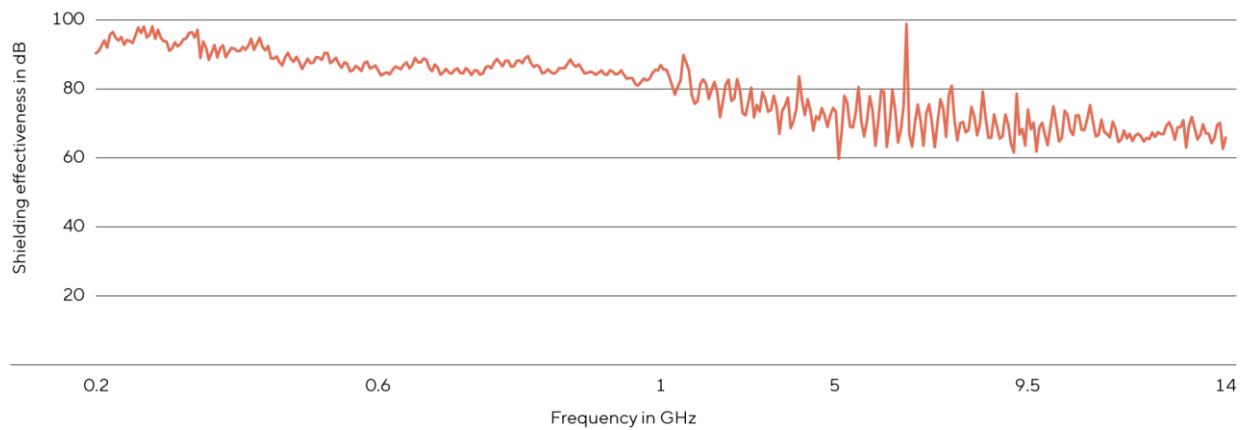




Shieldex[®] Kassel RS

1300101130

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





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1300101130



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	99.9 % Pure Silver + Copper
Metal Content	8.60 ± 2 % Silver + 49.22 ± 3 % Copper + 4.55 ± 1 % CR 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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