

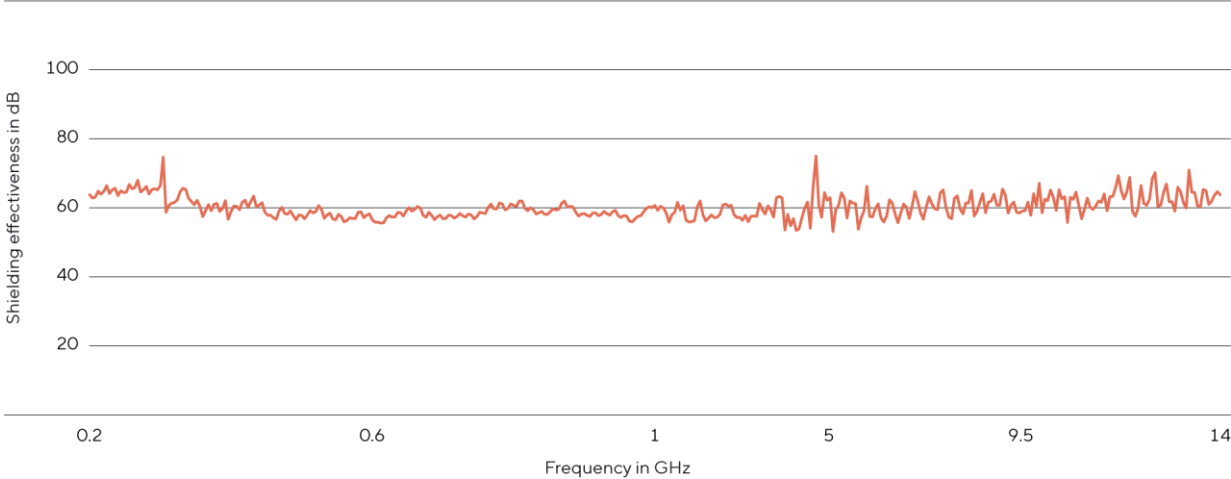
Ag	Cu	Ni	Sn
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Shieldex[®] Berlin RS

1200131127



Shielding effectiveness 0.2 - 14 GHz according to IEEE 299/200



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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
Material Composition	(60 % PA / 14 % Ag / 25 % /PU Coating) ± 10 %
+ PU Coating	Conductive Polyurethane
Electrical Surface Resistivity	< 0.3 Ω/□ (max.< 0.5 Ω/□)
Measured Frequency	0.2 GHz - 14 GHz
Shielding Effectiveness 1	Average of 62 dB from 0.2 GHz - 2 GHz
Shielding Effectiveness 2	Average of 61 dB from 2 GHz - 5 GHz
Shielding Effectiveness 3	Average of 65 dB from 5 GHz - 14 GHz
Abrasion Resistance	≥ 20000 cycles
Total Weight	51 g/m ² ± 10 %
Total Thickness	0.10 mm ± 12 %
Roll Width	128 ± 3 cm
Roll Length	Average 300 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, REACH, RoHS

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