

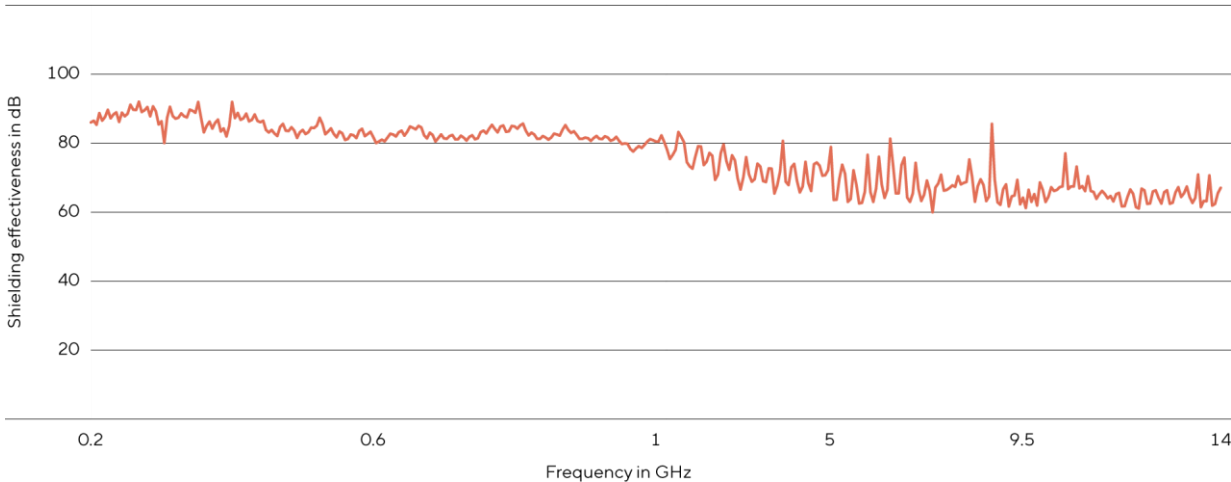


Shieldex[®] Zell PW

1500201130



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



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Ag

Cu

Ni

Sn

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Raw Material	100 % Polyamide / Nylon 6.6
Weave	Plain weave
Thread density warp	≈ 480-500 threads/dm
Thread density weft	≈ 470-490 threads/dm
Metal Plated	Silver + Copper + Tin
Composition	(45 % PA / 11 % Ag +/- 40 % Cu / 4 % Sn) ± 5 %
Electrical Surface Resistivity	< 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of 84 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of 72 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of 67 dB from 5 GHz – 14 GHz
Total Weight	80 g/m ² ± 15 %
Total Thickness	0.11 mm ± 15 %
Roll Width	130 ± 4 cm
Roll Length	200 ± 10 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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