

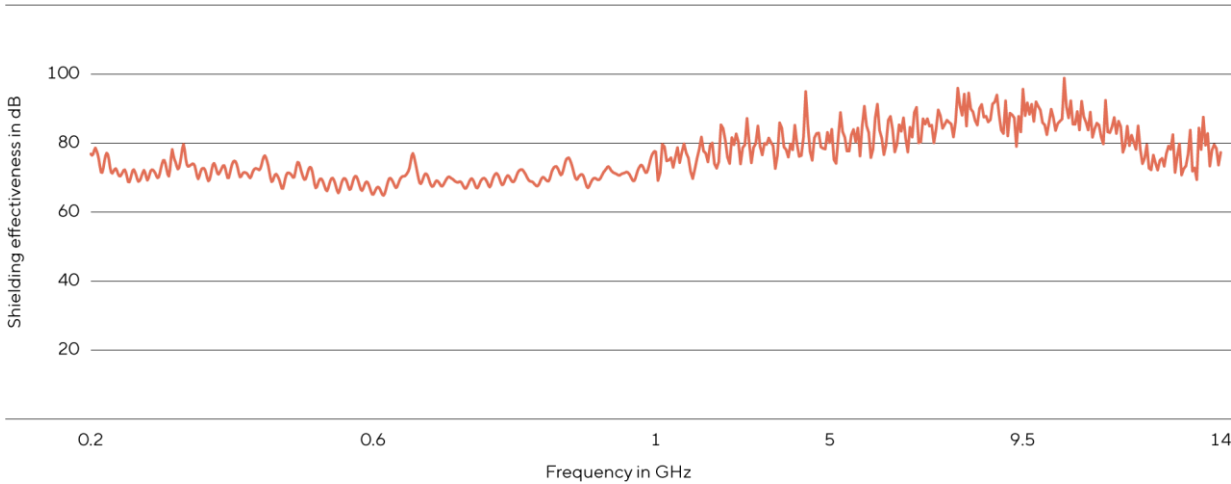
Ag	Cu	Ni	Sn
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Shieldex[®] Pisa RS

1402101135



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



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Raw Material	100 % Polyester
Weave	Ripstop
Thread density warp	≈ 580 threads/dm
Thread density weft	≈ 450 threads/dm
Metal Plated	Copper + Nickel
Content	35 ± 2 % Cu + 20 ± 2 % Ni
Electrical Surface Resistivity	≤ 0.05 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of 71 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of 80 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of 84 dB from 5 GHz – 14 GHz
Shielding Effectiveness 4	Average of 88 dB from 14 GHz – 26 GHz
Abrasion Resistance	≤ 3000 cycles
Total Weight	80 g/m ² ± 10 %
Total Thickness	0.09 mm ± 12 %
Roll Width	133 ± 3 cm
Roll Length	< 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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