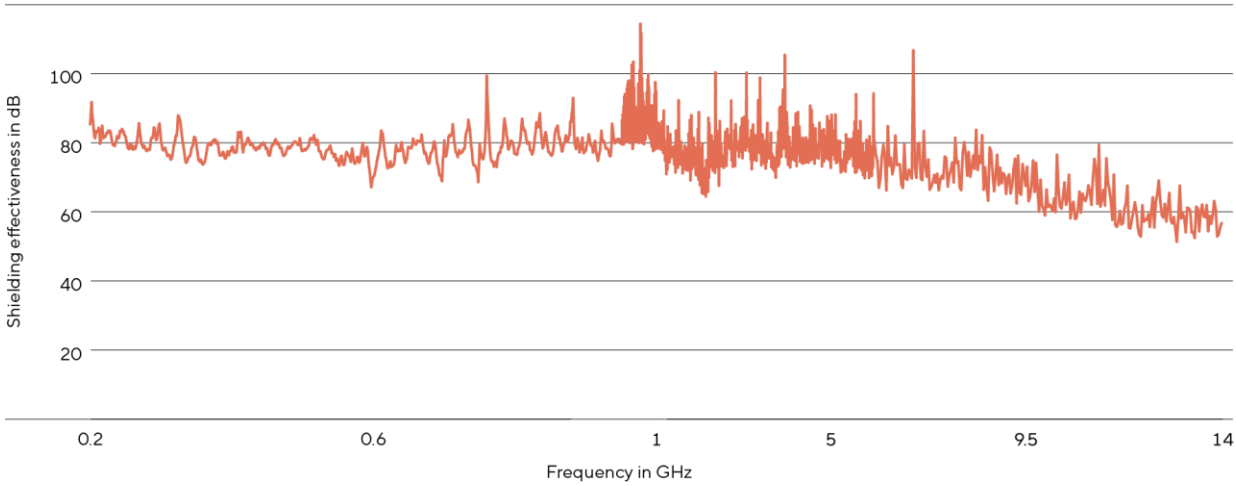
shieldex

Ag	Cu	Ni	Sn

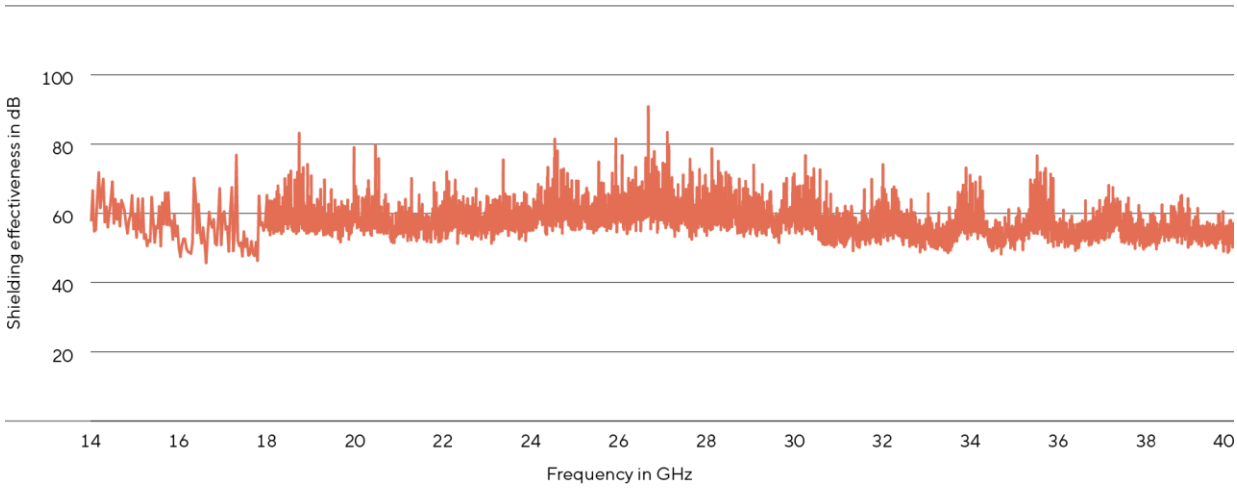
Shieldex®
Pisa PES RS

1402101135

Shielding effectiveness 0.2 – 14 GHz according to IEEE 299/2006 / MIL STD 188-125



Shielding effectiveness 14 – 40 GHz according to IEEE 299/2006 / MIL STD 188-125



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Ag | Cu | Ni | Sn

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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
Material Composition	(35 % PES / 61 % Cu / 4 % Ni) ± 10 %
Electrical Surface Resistivity	≤ 0.05 Ω/□
Measured Frequency	0.2 GHz – 40 GHz
Shielding Effectiveness	Up to 80 dB
Abrasion Resistance	≤ 3000 cycles
Total Weight	80 g/m² ± 10 %
Total Thickness	0.09 mm ± 12 %
Roll Width	134 ± 3 cm
Roll Lenght	< 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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