

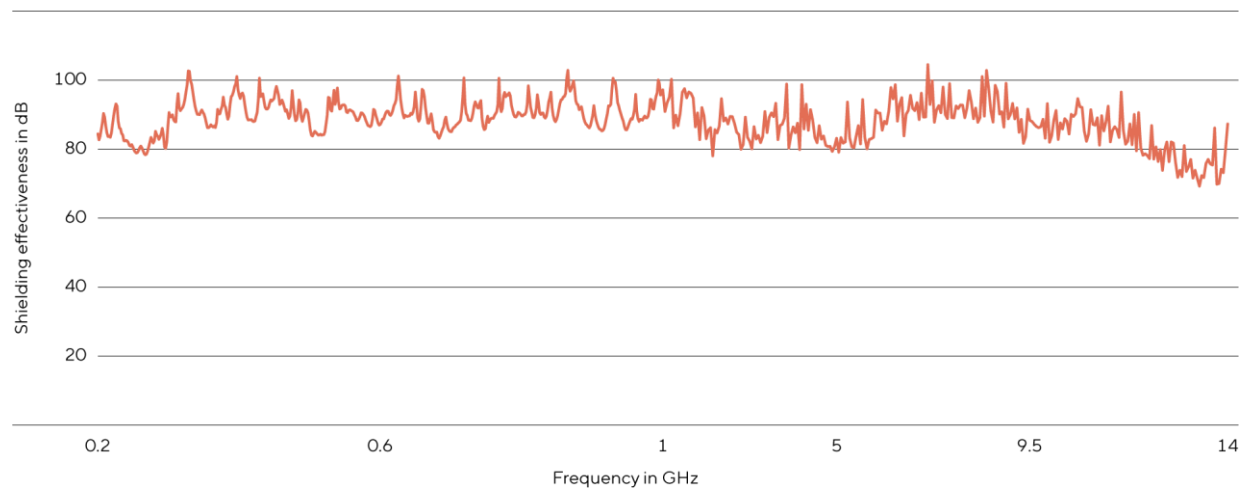


Shieldex[®] Porto RS

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

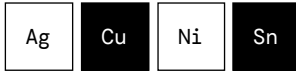


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Raw Material	100 % Polyester
Weave	Ripstop
Thread density warp	≈ 580 threads/dm
Thread density weft	≈ 450 threads/dm
Metal Plated	Copper + Tin
Material Composition	(31 % PES / 65 % Cu / 4 % Sn) ± 10 %
Electrical Surface Resistivity	≤ 0.02 Ω/□
Measured Frequency	0.2 GHz – 14 GHz
Shielding Effectiveness 1	Average of 91 dB from 0.2 GHz – 2 GHz
Shielding Effectiveness 2	Average of 86 dB from 2 GHz – 5 GHz
Shielding Effectiveness 3	Average of 87 dB from 5 GHz – 14 GHz
Shielding Effectiveness 4	Average of 87 dB from 14 GHz – 26 GHz
Abrasion Resistance	≤ 12000 cycles
Total Weight	120 g/m ² ± 10 %
Total Thickness	0.10 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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