

**shieldex**

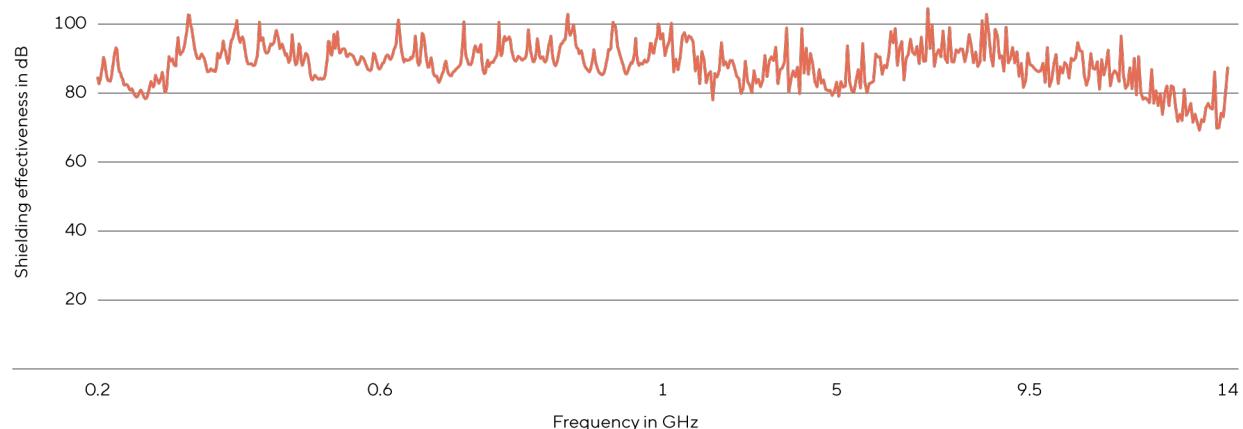


# Shieldex® Porto PES PW CR

1502101137



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



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## Shieldex® Porto PES PW CR

1502101137 Preliminary



<b>Raw Material</b>	100 % Polyester
<b>Weave</b>	Plainweave
<b>Thread density warp</b>	≈ 580 threads/dm
<b>Thread density weft</b>	≈ 450 threads/dm
<b>Metal Plated</b>	Copper + Tin
<b>Material Composition</b>	(31% PES / 65 % Cu / 4 % Sn) ± 10 %
<b>Electrical Surface Resistivity</b>	≤ 0.02 Ω/□
<b>Measured Frequency</b>	0.2 GHz – 14 GHz
<b>Shielding Effectiveness 1</b>	Average of < 91 dB from 0.2 GHz – 2 GHz
<b>Shielding Effectiveness 2</b>	Average of < 86 dB from 2 GHz – 5 GHz
<b>Shielding Effectiveness 3</b>	Average of < 87 dB from 5 GHz – 14 GHz
<b>Total Weight</b>	120 g/m <sup>2</sup> ± 10 %
<b>Total Thickness</b>	0.10 mm ± 12 %
<b>Roll Width</b>	133 ± 3 cm
<b>Roll Length</b>	< 200 m
<b>Temperature Range</b>	-30 °C to 90 °C
<b>Storage and Handling</b>	According to our care and handling instructions
<b>Compliance and Certification</b>	DIN EN ISO 9001:2015, REACH, RoHS

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