

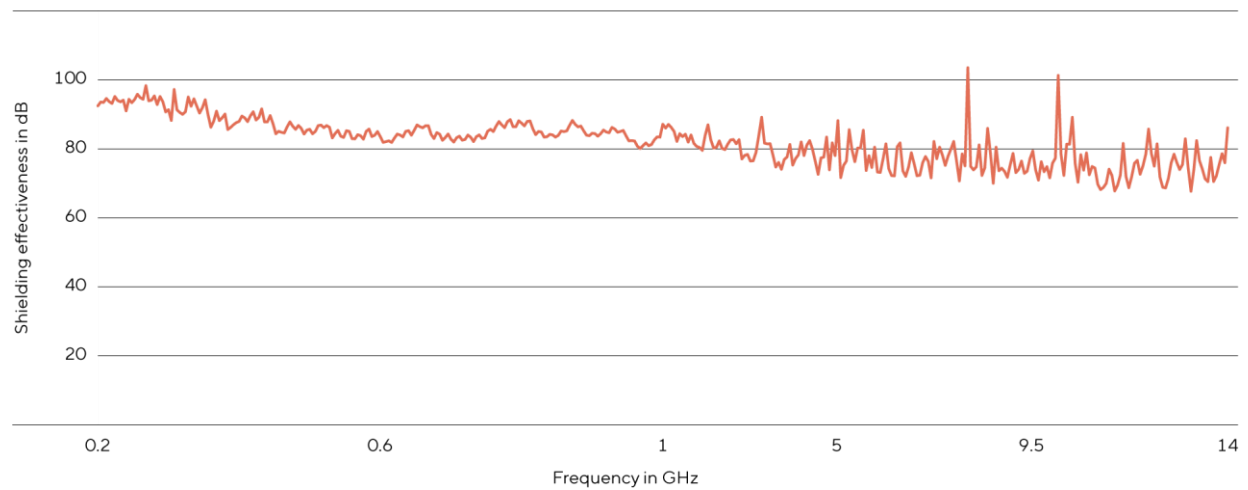


## Shieldex® Nora Dell

1401101S80



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





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<b>Raw Material</b>	100 % Polyamide / Nylon 6.6		
<b>Woven</b>	Ripstop		
<b>Thread density warp</b>	480-500 threads/dm		
<b>Thread density weft</b>	450-490 threads/dm		
<b>Metal Plated</b>	Silver + Copper + Nickel		
<b>Content</b>	8 ± 1 % Ag + 53 ± 2 % Cu + 4 ± 1 % Ni		
<b>Electrical Surface Resistivity</b>	< 0.009 Ω/□		
<b>Measured Frequency</b>	0.2 GHz – 40 GHz		
<b>Shielding Effectiveness 1</b>	Average of 87 dB from 0.2 GHz – 2 GHz		
<b>Shielding Effectiveness 2</b>	Average of 80 dB from 2 GHz – 5 GHz		
<b>Shielding Effectiveness 3</b>	Average of 77 dB from 5 GHz – 14 GHz		
<b>Shielding Effectiveness 4</b>	Average of 60 dB from 14 GHz – 26 GHz		
<b>Shielding Effectiveness 5</b>	Average of 56 dB from 26 GHz – 40 GHz		
<b>Maximum Force Warp</b>	430 ± 7 N	<b>Maximum Force Weft</b>	353 ± 13 N
<b>Elongation at Maximum Force Warp</b>	20 ± 2 %	<b>Elongation at Maximum Force Weft</b>	22.5 ± 2 %
<b>Total Weight</b>	100 g/m <sup>2</sup> ± 15 %	<b>Total Thickness</b>	0.125 mm ± 15 %
<b>Roll Width</b>	132 ± 4 cm	<b>Roll Length</b>	Average 200 m
<b>Abrasion Resistance</b>	≤ 3000 cycles		
<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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