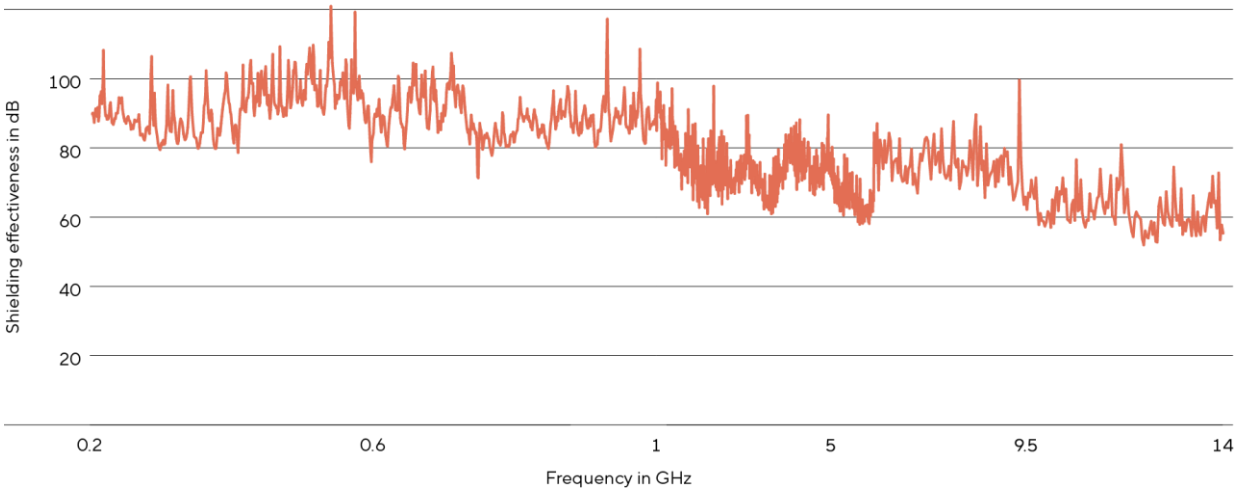
shieldex

Ag Cu Ni Sn

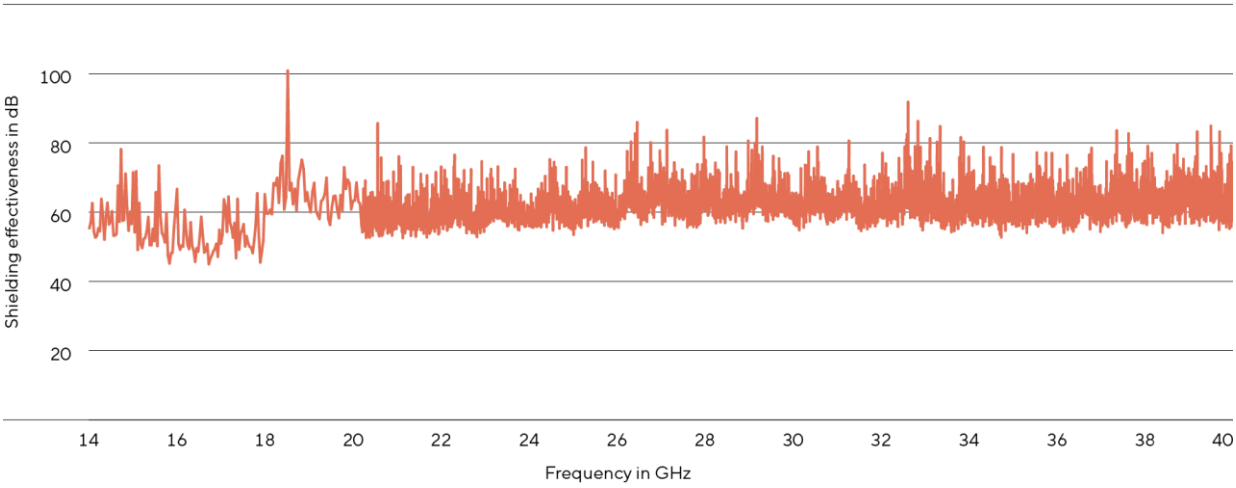
Shieldex®
Nora Dell CR

1401101S80CR

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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Raw Material	100 % Polyamide / Nylon 6.6		
Woven	Ripstop		
Thread density warp	480-500 threads/dm		
Thread density weft	450-490 threads/dm		
Metal Plated	Silver + Copper + Nickel		
Content	31,82 ± 3 % PA/ 7.27 ± 2 % Ag / 48.18 ± 3 % Cu / 3.64 ± 1 % Ni / 9.09 ± 2 % CR Coating		
+ CR Coating	Protective acrylic coating		
Electrical Surface Resistivity	< 0.009 Ω/□		
Measured Frequency	0.2 GHz – 14 GHz		
Shielding Effectiveness	Up to 82 dB		
Maximum Force Warp	430 ± 7 N	**Maximum Force Weft**	353 ± 13 N
Elongation at Maximum Force Warp	20 ± 2 %	**Elongation at Maximum Force Weft**	22.5 ± 2%
Total Weight	110 g/m² ± 15 %	**Total Thickness**	0.125 mm ± 15 %
Roll Width	134 ± 4 cm	**Roll Length**	Average 100 m
Abrasion Resistance	≤ 3000 cycles		
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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