

shieldex

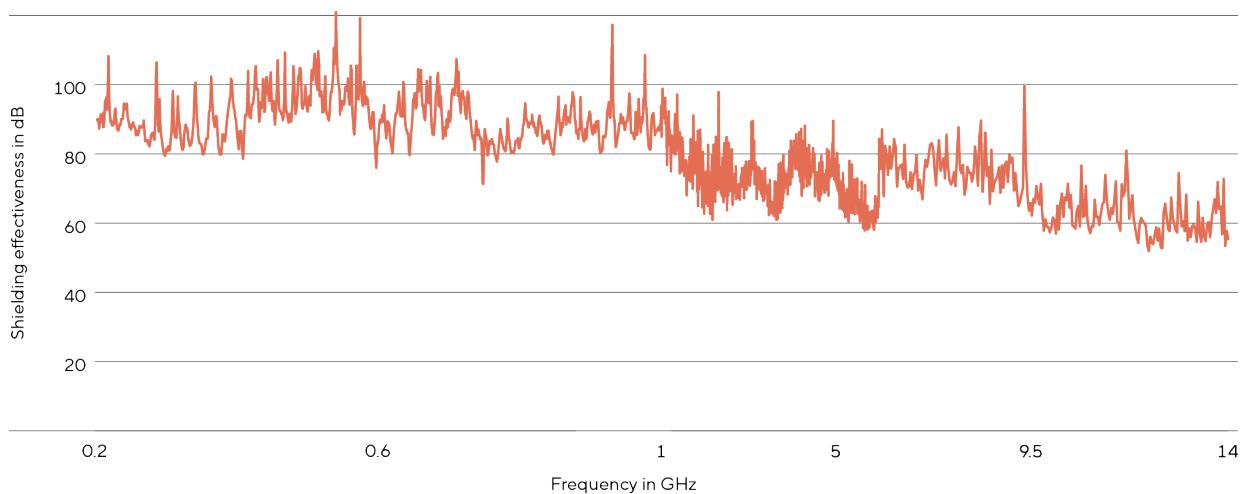
Ag Cu Ni Sn

Shieldex® Nora Dell CR

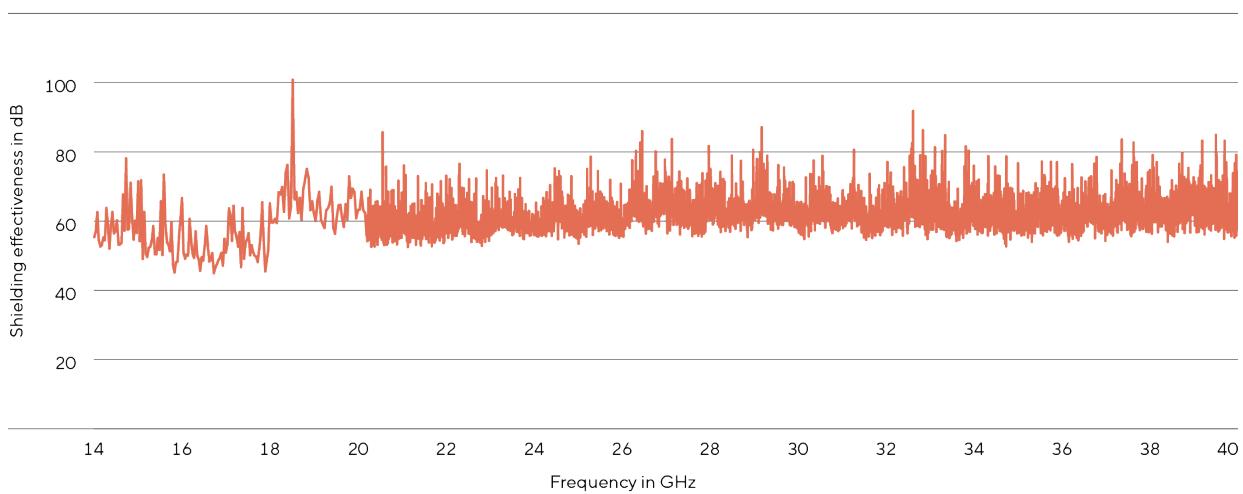
1401101S80CR



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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Shieldex® Nora Dell CR

1401101S80CR

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	$31.82 \pm 3\% \text{ PA} / 7.27 \pm 2\% \text{ Ag} / 48.18 \pm 3\% \text{ Cu} / 3.64 \pm 1\% \text{ Ni} / 9.09 \pm 2\% \text{ CR Coating}$		
+ CR Coating	Protective acrylic coating		
Electrical Surface Resistivity	$< 0.009 \Omega/\square$		
Measured Frequency	0.2 GHz - 14 GHz		
Shielding Effectiveness	Up to 82 dB		
Maximum Force Warp	$430 \pm 7 \text{ N}$	Maximum Force Weft	$353 \pm 13 \text{ N}$
Elongation at Maximum Force Warp	$20 \pm 2\%$	Elongation at Maximum Force Weft	$22.5 \pm 2\%$
Total Weight	$110 \text{ g/m}^2 \pm 15\%$	Total Thickness	$0.125 \text{ mm} \pm 15\%$
Roll Width	$134 \pm 4 \text{ cm}$	Roll Length	Average 100 m
Abrasion Resistance	$\leq 3000 \text{ cycles}$		
Temperature Range	$-30^\circ\text{C} \text{ to } 90^\circ\text{C}$		
Storage and Handling	According to our care and handling instructions		
Compliance and Certification	DIN EN ISO 9001:2015, REACH, RoHS		

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