

shieldex

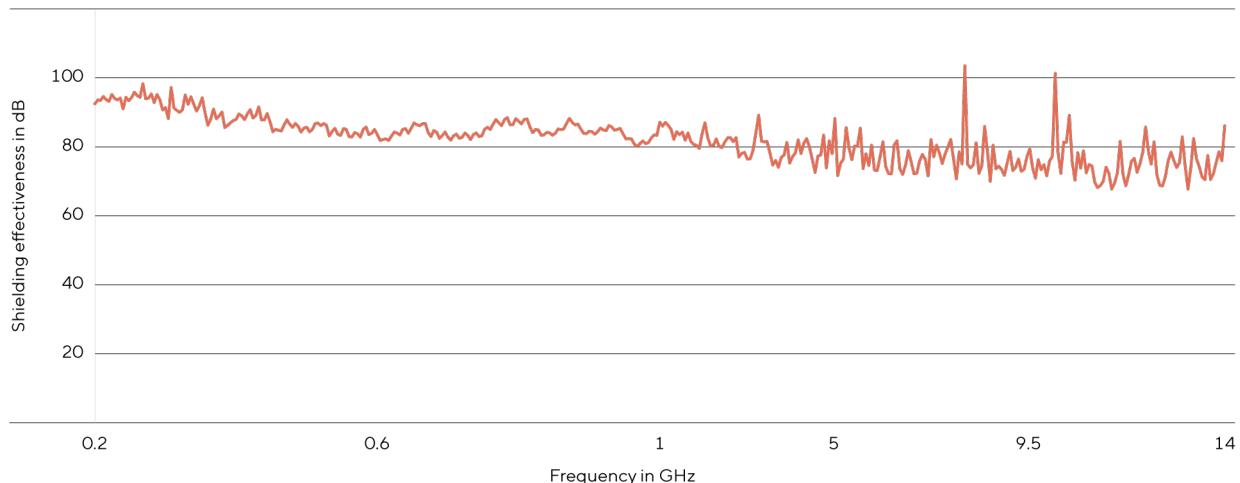
Ag Cu Ni Sn

Shieldex® Nora Dell

1401101S80



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



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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	$8 \pm 1\% \text{ Ag} + 53 \pm 2\% \text{ Cu} + 4 \pm 1\% \text{ Ni}$		
Electrical Surface Resistivity	$< 0.009 \Omega/\square$		
Measured Frequency	0.2 GHz – 40 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	$100 \text{ g/m}^2 \pm 15 \%$	Total Thickness	$0.125 \text{ mm} \pm 15 \%$
Roll Width	$134 \pm 4 \text{ cm}$	Roll Length	Average 200 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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