



## EMC SHIELDING

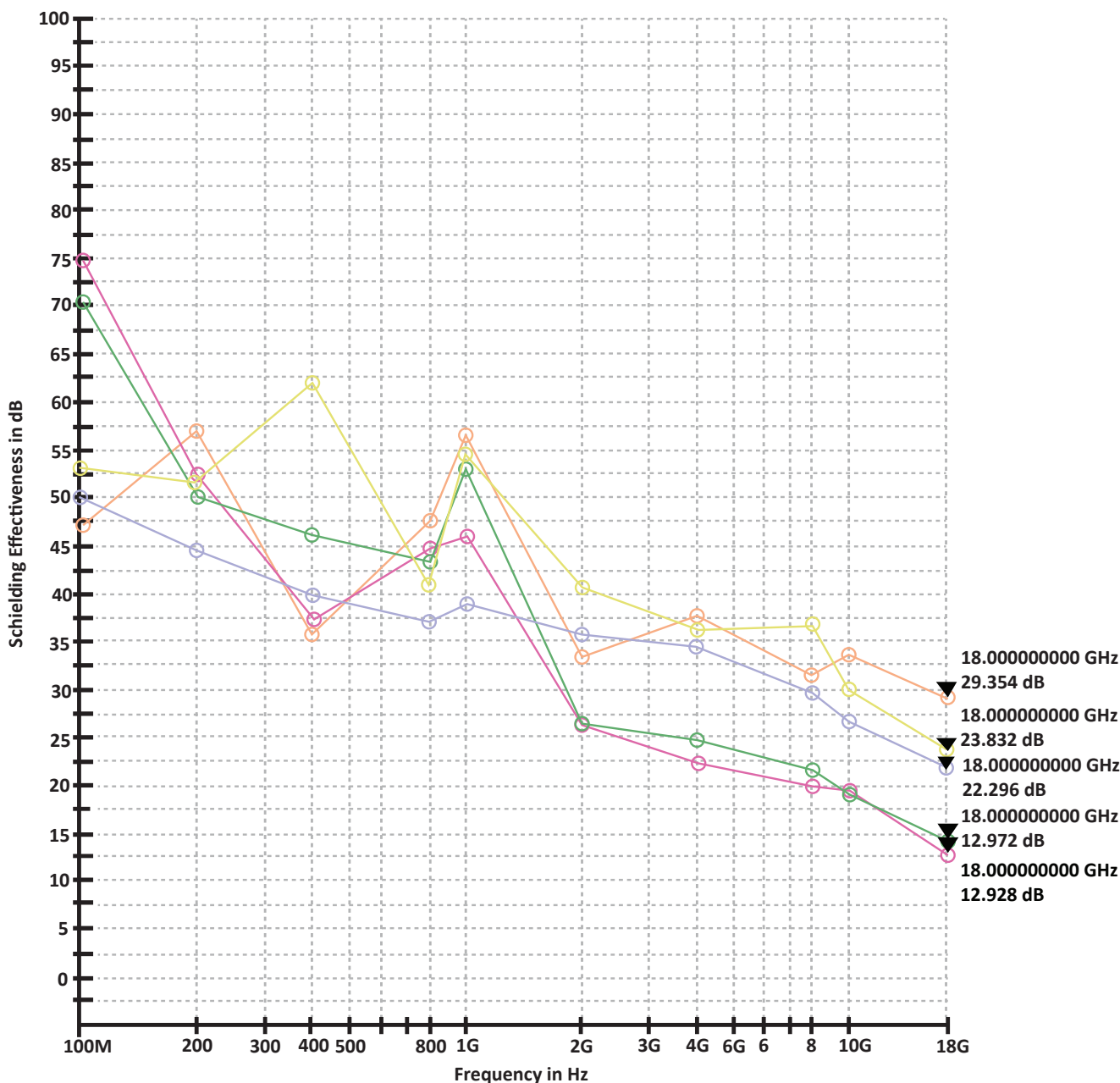
Our conductive bobbinet and warp-knitted fabrics can be used in various technical products. They are characterised by their low weight and can protect against electromagnetic radiation.

Tested according standard IEEE Std 299:2006 ; NSA-65-6

The Shielding Effectiveness (SE) values (%) are calculated as follows:

$$100(\%) - (SE/10 * 10X * 1/x) * 100$$

Frequency (MHz)	100	200	400	800	1000	2000	4000	8000	10000	18000
<b>2.06441</b>										
Shielding Effectiveness (dB)	53	51	62	41	54	41	36	37	30	24
Shielding (%)	99.9995	99.9992	99.9999	99.9921	99.9996	99.9921	99.9749	99.9800	99.9000	99.6019
<b>2.05508</b>										
Shielding Effectiveness (dB)	49	44	40	37	39	36	35	29	27	22
Shielding (%)	99.9987	99.9960	99.9900	99.9800	99.9874	99.9749	99.9684	99.8741	99.8005	99.3690
<b>166NS16</b>										
Shielding Effectiveness (dB)	71	50	46	44	53	27	25	22	19	14
Shielding (%) Lorem ipsum	99.99999	99.99904	99.99760	99.99565	99.99951	99.77762	99.66703	99.34113	98.77171	95.99318
<b>2.05433</b>										
Shielding Effectiveness (dB)	47	57	36	48	57	34	38	32	34	29
Shielding (%)	99.9981	99.9998	99.9736	99.9983	99.9998	99.9556	99.9833	99.9302	99.9575	99.8840
<b>181SS</b>										
Shielding Effectiveness (dB)	75	52	37	45	46	26	22	20	20	13
Shielding (%)	99.999997	99.999432	99.981426	99.996691	99.997482	99.762917	99.418700	98.964143	98.889292	94.904345



Detailed information can be found at [www.swisstulle.ch](http://www.swisstulle.ch)

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