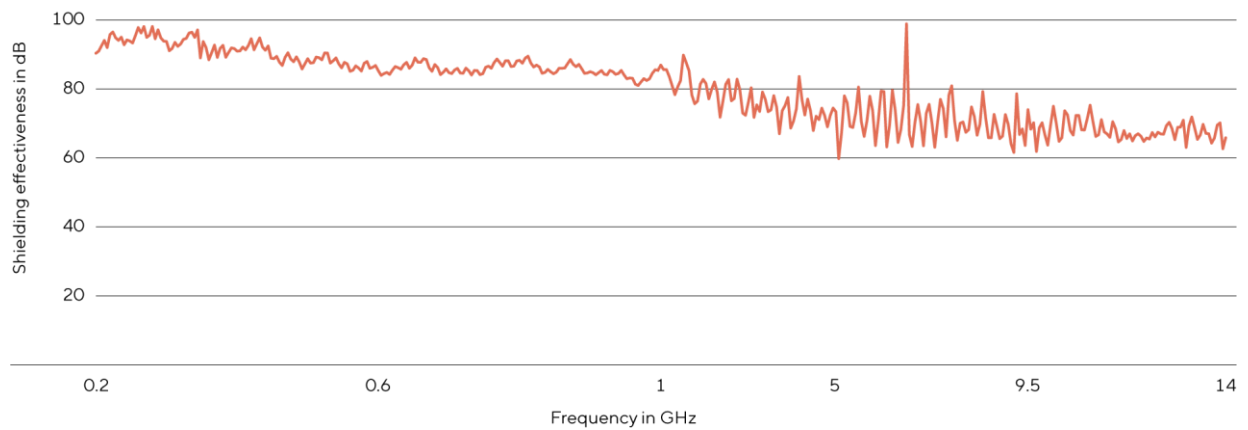




Shieldex[®] Kassel RS

1300101130

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





Shieldex® Kassel RS

1300101130



| | |
|---------------------------------------|--|
| Raw Material | 100 % Polyamide / Nylon 6.6 |
| Weave | Ripstop |
| Thread density warp | ≈ 480-500 threads/dm |
| Thread density weft | ≈ 450-490 threads/dm |
| Metal Plated | 99.9 % Pure Silver + Copper |
| Metal Content | 8.60 ± 2 % Silver + 49.22 ± 3 % Copper + 4.55 ± 1 % CR Coating |
| Electrical Surface Resistivity | ≤ 0.03 Ω/□ |
| Measured Frequency | 0.2 GHz – 14 GHz |
| Shielding Effectiveness 1 | Average of < 88 dB from 0.2 GHz – 2 GHz |
| Shielding Effectiveness 2 | Average of < 75 dB from 2 GHz – 5 GHz |
| Shielding Effectiveness 3 | Average of < 70 dB from 5 GHz – 14 GHz |
| Total Weight | 85 g/m ² ± 12 % |
| Total Thickness | 0.11 mm ± 10 % |
| Roll Width | 131 ± 4 cm |
| Roll Length | Average 200 m |
| 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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