

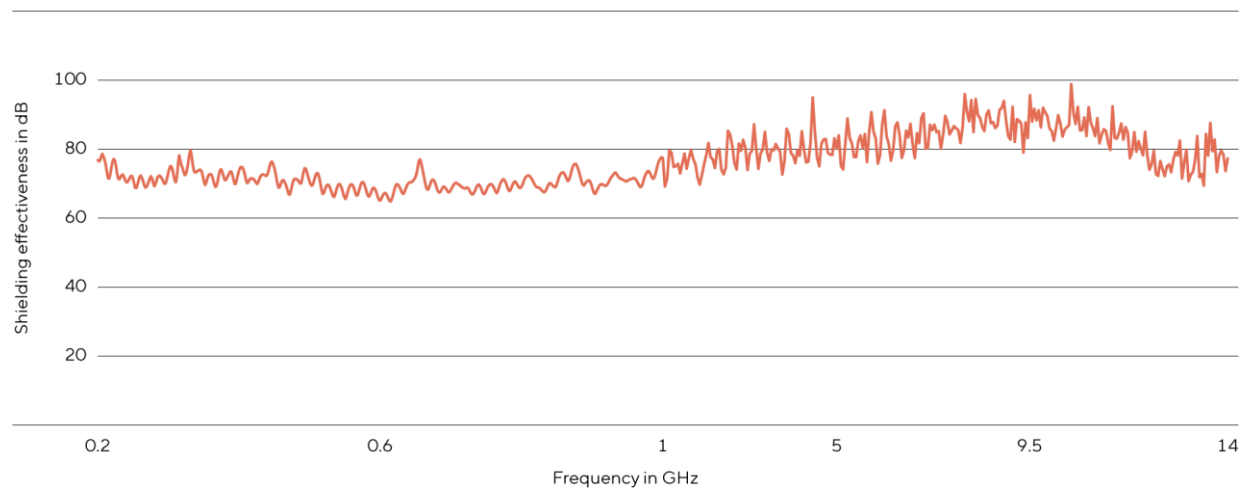


Shieldex[®] Pisa RS

1402101135



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





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1402101135



| | |
|---------------------------------------|---|
| Raw Material | 100 % Polyester |
| Weave | Ripstop |
| Thread density warp | ≈ 580 threads/dm |
| Thread density weft | ≈ 450 threads/dm |
| Metal Plated | Copper + Nickel |
| Content | 35 ± 2 % Cu + 20 ± 2 % Ni |
| Electrical Surface Resistivity | ≤ 0.05 Ω/□ |
| Measured Frequency | 0.2 GHz – 14 GHz |
| Shielding Effectiveness 1 | Average of < 71 dB from 0.2 GHz – 2 GHz |
| Shielding Effectiveness 2 | Average of < 80 dB from 2 GHz – 5 GHz |
| Shielding Effectiveness 3 | Average of < 84 dB from 5 GHz – 14 GHz |
| Shielding Effectiveness 4 | Average of < 88 dB from 14 GHz – 26 GHz |
| Abrasion Resistance | ≤ 3000 cycles |
| Total Weight | 80 g/m ² ± 10 % |
| Total Thickness | 0.09 mm ± 12 % |
| Roll Width | 133 ± 3 cm |
| Roll Length | < 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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