

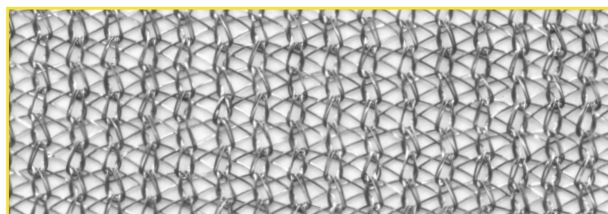
High + Low frequency



- for large-area shielding of high-frequency electromagnetic waves, low-frequency alternating electric fields and dissipation of static charges
 - fine silver plated, fully metallised
 - antiseptic, soft and supple
 - 1/2-transparent, easy to make up
 - Dali is a fine silver-metallised nylon knitted fabric with excellent damping properties. The knitted fabric is silver-plated over its entire surface, making it highly electrically conductive and easy to contact.
- Dali is antiseptic, soft and supple with an absolutely textile character especially for shielding high-frequency electromagnetic waves and can also be used for shielding low-frequency alternating electric fields if suitably earthed.
- Silver-plated products have the property of changing colour due to tarnishing. This usually has no influence on the shielding effectiveness of the material.
- As with all other textiles, fabrics and fleeces, no nano-silver is used for coating Dali.

Order-No.: 100025

Short-Desc.: Dali - 145 cm



Optional accessories



grounding set- B (ESB - without plug)



grounding set DK contains of:

- ESR-SA (plug) - Order-no. 711076
- ESR-DK-Cable - Order-no. 711076

Shielding mesh (curtains, canopies)

Dali (HF+NF)

Type	MHz	dB	in %
DVB-T2	470 - 690	42	> 99,99
LTE / 5G wide	700 - 750	42	> 99,99
GSM, LTE	920 - 960	42	> 99,99
GSM, LTE	1800 - 1880	38	> 99,9
DECT	1880 - 1900	40	≈ 99,99
LTE, 5G wide	2110 - 2170	41	> 99,99
W-LAN 2400	2400 - 2500	43	> 99,99
5G fast	3400 - 3700	38	> 99,9
W-LAN 5200	5150 - 5350	38	> 99,9

Technical data

length:	by the meter	
width:	143 cm ± 7 cm	
thickness:	0.22 mm ± 10 %	
colour:	silvergray	
grammage:	about 30 - 35 g/m ²	
mesh gauge:	ca. 0,5 mm x 0,5 mm (1/2-transparent)	
electrical conductivity:	< 1,4 Ω/□	
composition:	90 % Polyamide / Nylon 6 10 % Silver ± 2 % Full-surface silver-plated	
permissible temperature:	-30 °C bis 90 °C	
features:	electrically contactable with optional accessories	
wash cycles:	> 20 x	
basis for inspection:	IEEE Standard 299™-2006	
shield attenuation:	max. ~ 46 dB (> 99.99 %)	

Care instructions



wash very gently
(delicate or wool wash cycle at 30 °C)



gentle ironing at level 1
(ironing at a low temperature)



bleaching not permitted
no detergent with bleach



do not tumble dry



do not dryclean

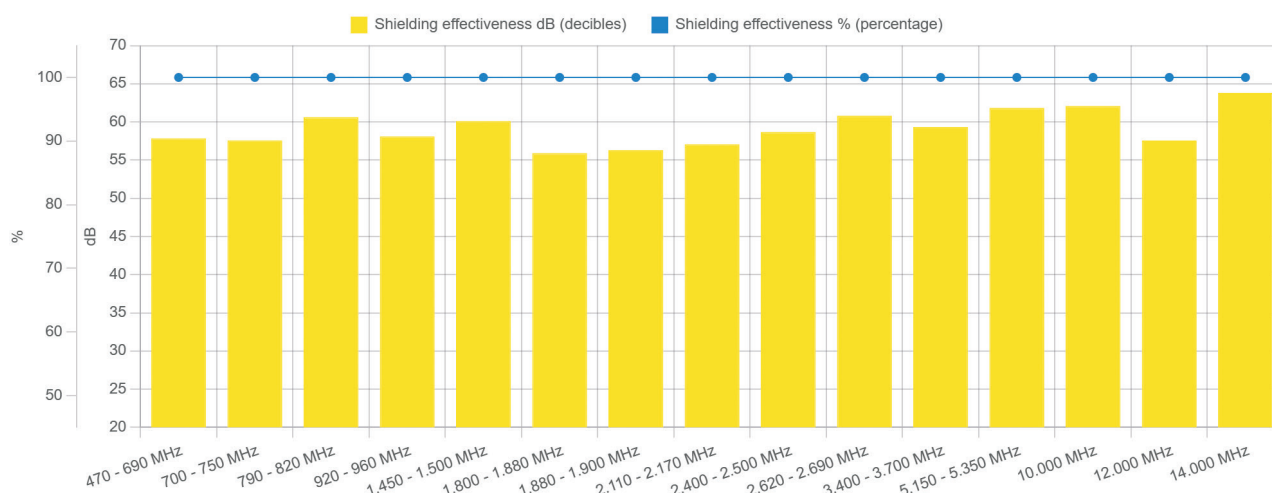
Scope of application

curtains, blinds, canopies

Type	MHz	Description
DVB-T2	470 - 690	digital video broadcasting – terrestrial, 2nd generation, TV via antenna
LTE / 5G wide	700 - 750	from 4G, now 5G NR without beamforming / MIMO
GSM, LTE	920 - 960	from 2G - D1, now 5G NR without beamforming / MIMO
GSM, LTE	1800 - 1880	from 2G - D2, E network, now 5G NR without beamforming / MIMO
DECT	1880 - 1900	wireless phone
LTE, 5G wide	2110 - 2170	from 3G, formerly UTMS, now 5G NR without beamforming / MIMO
W-LAN / WiFi 2400	2400 - 2500	wireless LAN
5G fast	3400 - 3700	5G NR - New frequency band with beamforming / MIMO
W-LAN / WiFi 5200	5150 - 5350	wireless LAN

Shielding values: According to the manufacturer's test report

Shielding effectiveness - Dali - 470 MHz to 14.000 MHz (14 GHz)



1.000 MHz = 1 GHz +/- (according to the manufacturer's test report)



Dali Role goods max. 100 m -5/+15 m