

# YSHIELD® TBL | Shielding bedding

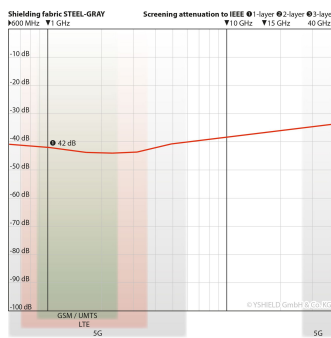
Bedding made from Steel-Gray with 42 dB. Groundable. Size: 135 cm x 200 cm. As cheap alternative to canopies.



YSHIELD® TBL



YSHIELD® GV



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## Properties

Shielding bedding made from Steel-Gray for HF shielding. This bedding is a **cheap alternative to canopies**.

**The bedding set includes a sheet and a duvet cover.** The sheet is made of Steel-Gray and can be covered with a common sheet if required. The duvet cover is sewed two-sided: With the Steel-Gray side (gray fabric) used downwards for a better shielding, as the shielding fabrics will lay on top of each other. With the cotton fabric side (light gray fabric) used downwards with a decreased shielding but less scratchy. The set is not including a pillow case, this is not necessary anyway because of the included sheet. **Please be aware that hygiene products like shielding clothes, blankets, bedding or sleeping bags cannot be returned or exchanged in size when used.**

The fabric **Steel-Gray** was chosen as it is, due to its stainless steel threads, **considerably durable and more stable** even with strong movement, then fabrics with silver threads would be. On the skin Steel-Gray feels a bit like a scratchy woolen sweater. Without pajama on this could bother you.

## Technical data

- **Size sheet:** 240 cm x 140 cm
- **Size duvet cover:** 200 cm x 135 cm
- **Attenuation:** 42 dB
- **Colors:** Gray, light gray
- **Raw materials:** 40 % cotton, 30 % polyester, 30 % stainless steel
- **Surface conductivity:** 100-800 ohm (square resistance)

## Care instructions

- **Washing up to 60°C**
- **Iron without steam at degree 1**
- **Drying at low temperature**
- No bleaching
- No chemical dry-cleaning
- Wash only with our special washing detergent **TEXCARE**, without enzymes or bleaching agents

## Shielding attenuation HF

This product **shields high frequency electromagnetic fields (HF)**. Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.

## Laboratory & expert report of shielding attenuation up to 40 GHz

We have already invested in our **own professional EMV laboratory** years ago. We not only use it to create our laboratory screening reports but also to check each batch daily. Additionally, we have all our products checked by an **independent, well-respected expert**. Double checked for twice the safety. **Please find the reports above at the downloads.**

## Ready for 5G

Some companies offer "special" 5G-products. **This products shields all 5G-frequencies, even without advertising this!** Find two gray bars in all shielding diagrams with the 5G frequency spectrums FR1 (600 MHz - 6GHz) and FR2 (24 GHz - 40 GHz).