

TDJ - TECHNICAL DATA

2026/09



Cuddly soft blanket made from Black-Jersey with 40 dB. Groundable. Size: 100 cm x 140 cm (3.3 ft x 4.6 ft).

PROPERTIES

Shielding thin blanket made from Black-Jersey for HF+LF shielding. Easy and quick protection on the couch, in the bed, on holiday, on business trips or while playing console games.

Black-Jersey has a very high attenuation of 40 dB for a fabric with 83 % cotton content. This blanket is incredibly soft and cuddly against the skin. Please be aware that hygiene products like shielding clothes, blankets, bedding or sleeping bags cannot be returned or exchanged.

TECHNICAL DATA

- **Size:** 100 cm x 140 cm (3.3 ft x 4.6 ft)
- **Attenuation:** 40 dB
- **Colors:** Black
- **Raw materials:** 83 % cotton, 17 % silver thread
- **Surface conductivity:** 3 ohm (square resistance)

CARE INSTRUCTIONS

- Gentle cycle at 30°C
- Iron without steam at degree 1
- No drying in tumble dryers
- No bleaching
- No chemical dry-cleaning
- Wash only with washing detergent YSHIELD TEXCARE, without enzymes or bleaching agents

SHIELDING ATTENUATION HF

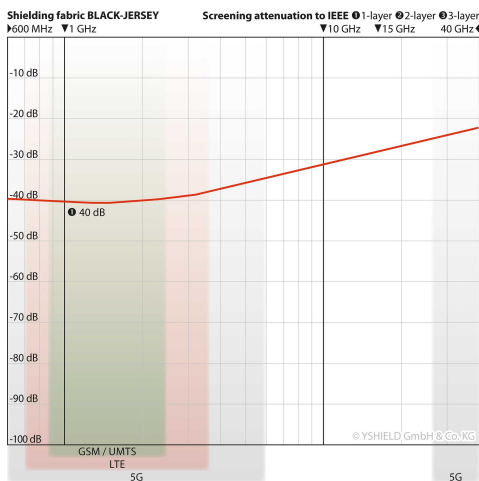
This product **shields high frequency electromagnetic fields (HF)**. Unless otherwise stated, the indicated dB-values apply to 1 GHz. Measurement from 600 MHz to 40 GHz according to standards ASTM D4935-10 or IEEE Std 299-2006.

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 spectrum FR1 (600 MHz – 6GHz) and FR2 (24 GHz – 40 GHz).



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