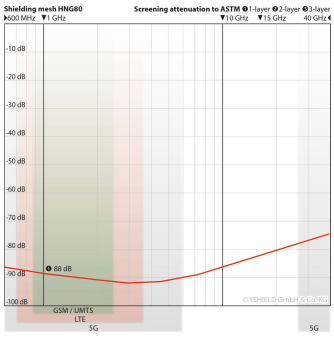
YSHIELD® BU2 | Canopy base | Single bed | HNG80

88 dB attenuation at 1 GHz. Width 175 cm, depth 260 cm. Including grounding components.



Properties

To achieve a full Faraday cage with a canopy, it is also necessary to shield from below. **This canopy base has a very high shielding attenuation, lies very flat and is delivered including the entire necessary grounding material**. Scope of delivery includes, among other things, grounding plug GP1 for schuko sockets E/F and the canopy connector GCMV for canopies (you can choose if you want to connect the canopy with a velcro or magnet).

This canopy base consists of **two panels that are placed with an overlapping of 5 cm, made of the material HNG80 with 80 dB shielding attenuation**. Small metal plates are pre-assembled at one end of each panel – grounding will be screwed onto them. If you choose this canopy base, we highly recommend **covering it completely with a fabric or carpet**. This cover will also hide the 4 mm high electrical connectors and cables behind the bed.

Technical data

- **Attenuation: 88 dB**
- Size: **Width 175 cm, length 260 cm, sheet thickness 0.1 mm**
- Materials: Polyester, copper, nickel, aluminium
- Scope of supply: 2 panels HNG80 to each 260 cm, 1 Grounding plug GP1 (Schuko E/F), 1 Grounding connector magnet/hookloop GCMV, 2 cables GL85 (85 cm), 1 cable GL500 (500 cm), all necessary screws, discs, dowels, cable lugs and a screwing tool with Torx®-Bits. No room decoration in the scope of delivery.

Care instructions

HNG80 can neither be washed nor cleaned

Grounding

This product with an electrically conductive surface **has to be integrated into the functional-equipotential bonding (FEB)**. Please find suitable grounding accessories under "Grounding".

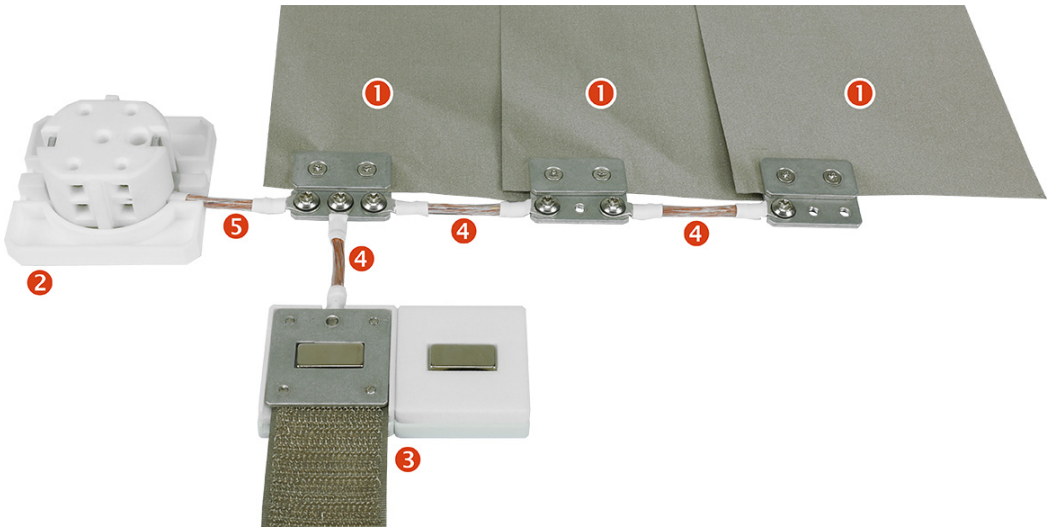
Shielding attenuation HF & LF

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.

This product with an electrically conductive surface **shields low-frequency alternating electric fields (LF)**.

Installation instructions

- Lay the two or three panels **(1)** out with an overlapping of approx. 5 cm - connecting plates all need to be laid on the same side with the stepped side facing upwards.
- Connect the two or three panels **(1)** with the 85 cm long cables GL85 **(4)**. Use the black tensions discs when screwing the cable lugs tight.
- Connect the canopy connector **(3)** with the 85 cm long cable GL85 **(4)**. Use the black tensions discs when screwing the cable lugs tight.
- Connect the grounding plug **(2)** with the 5 m long cable GL500 **(5)**. Use the black tensions discs when screwing the cable lugs tight.
- Connect the canopy connector **(3)** with the canopy, either with the magnetic plate or velcro.
- The electrician must install the grounding plug **(2)** tightly in the socket outlet.



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Please find our laboratory & expert shielding reports, certifications, data sheets, weight, sizes, GTIN, COO, TARIFF, etc. on our website.