**Safety-pin-banana** **WBT-0645**

- The insulated high-current plug for professional use
- Misuse protection thanks to new safety-pin** preventing from insertion into mains outlet. CE** approved loudspeaker connection

1. Mechanics
   - one-piece construction, contact elements with narrow tolerance (tol. < = 0.05 mm)
   - massive base element with 4-mm banana connection
   - contact pressure through knurled spindle with expandable mandrel

2. Materials
   - all solid parts made of "OFCC"-copper alloy (52% Cu)
   - Insulation material: base element PC-2835 (polycarbonate), transparent, T._max. 85-110°C. Coating and name plate: ABS (acrylonitrile-butadiene-styrene copolymer), cobaltblue-red-white, T._max. 50-95°C.

3. Surface
   - of the base element: WBT 24-carat gold-plating
     Cu 1.5 µm, Ni 8 µm, Au 0.2 µm

4. Operating characteristics
   - constant current \( I_0 > 10^6 \) A
   - authorized max. peak current \( I_p > 10^6 \) A
   - contact resistance \( R_{ct} < 10^4 \) ohms
   - insulation resistance \( R_i > 10^6 \) ohms
   - electric strength of the insulation > 30 kV

5. Terminals
   - designed for solder-free crimped connections
   - internal terminal for crimped cable ends up to 10 mm², permanent fixing by self-securing headless screws
   - external terminal for bi-wiring with 4-mm banana plug

6. Mounting (as pictured below)