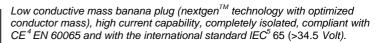


Component List		
1	Base element PC, Makrolon ¹	1
2	Spindle lock (polarity code) PA, Ultramid ² red, white or black	1
3	Signal conductor, Cu pure copper	1
4	Pressing spindle, Ms	1
5	Spindle handle PC, Makrolon ¹	1
6	Screwing cage PC, Makrolon ¹	1
7	Thread plate, VA non-ferromagnetic	1
8	Grub screw, Ms Torx ³ M4 x 7 mm	2
Extent of delivery: 1 - 8 mounted		
Revision date 09.01.2009		

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nextgen[™] Banana Plug WBT- 0610 Cu (Pat. pend. 10 2008 007 866)





- One piece contact element
- Reliable double thread joint (for contact and strain relief as well) (tested under conditions simulating a 5 years environmental thermal stress)
- Optimal contact quality by patented straddle mechanic

2. **Materials**

- conductor, massive, pure copper thread plate, stainless steel VA, non-ferromagnetic base element, from transparent Makrolon¹ (PC), T. -max. 85-110°C. (under extreme exposition to UV radiation a slight change of colour may occur but without affecting functionality)
- spindle lock, made from Ultramid² (PA)
- spindle, brass

3. Surfaces

Signal conductor: gold plated, nickel-free, non-ferromagnetic

Operating Characteristics

$$\begin{split} I_D &= 0.5 \ 10^2 \ A \\ I_S &= 10^3 \ A \\ R_{\bar{u}} &< 0.5 \ \text{mOhm} \\ R_{iso} &> 10^{14} \ \text{Ohm} \\ &> 30 \ \text{kV} \end{split}$$
Permanent current Peak current Transition resistance Insulation resistance Electric strength of isolation

5.

Connection
designed for solder-free crimped connections
for crimped cable ends up to 10 mm² (7 AWG) conductor cross section,
reliable fixation thanks to Torx³ screws

Warning against usage of contact cleaners: their contents may cause damage to the insulators!



Accessories / useful tools:

WBT offers a wide range of crimping accessories:

pure copper, gold-plated (from 0.5 to 16 mm^2 /20 to 5 AWG) fine silver with platinum finish (from 1.5 to 6 mm² /AWG 15 to 9) special Crimping Pliers for the above mentioned tasks and a Crimpset for starters.

¹⁾ Makrolon is a reg. trade mark of Bayer, Germany ²⁾ Ultramid is a reg. trade mark of BASF, Germany Torx is a reg. trade mark of Camcar Textron, USA

⁴⁾ CE is the abbreviation of Conformité Européenne

⁵⁾ IEC is the abbreviation of International Electrotechnical Commission