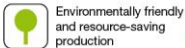


Component List

Component No.	Description	Quantity
1	Base Element, PC	1
2	Spindle Lock (polarity code), PA (red, white or black)	1
3	Signal Conductor, pure copper	1
4	Pressing Spindle, Ms	1
5	Spindle Handle, PC	1
6	Screwing Cage, PC	1
7	Thread Plate, VA, non-ferromagnetic	1
8	Grub Screw, Ms, Torx ¹⁾ M4 x 8,5 mm	2
Extent of delivery: 1 - 8 mounted		
Revision date 10.10.2025		

¹⁾Torx® is a registered trademark of Camcar Textron • ²⁾CE is the abbreviation of Conformité Européenne • ³⁾IEC is the abbreviation of International Electrotechnical Commission • ⁴⁾Makrolon® is registered trademark of Bayer AG • ⁵⁾Ultramid® is a registered trademark of BASF SE • WBT, nextgen™ and PlasmaProtect™ are registered trademarks of WBT-Industrie GmbH

WBT - nextgen™



WBT- 0610 Cu nextgen™ Banana Plug

Low conductive mass banana plug (nextgen™ technology with optimized conductor mass), high current capability, completely isolated, compliant with CE²⁾ EN 60065 and with the international standard IEC³⁾ 65 (>34.5 Volt).

1. Mechanics

- 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

- Signal Conductor: pure copper
- Thread Plate made from stainless steel, VA, non-ferromagnetic
- Base Element, from transparent Makrolon⁴⁾ (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 Ultramid⁵⁾ (PA)
- Spindle: brass

3. Surface

- Signal Conductor: 24k nickel-free direct gold plating by PlasmaProtect™, non-ferromagnetic

4. Operating Characteristics

- Permanent current $I_D = 0.5 \cdot 10^2 \text{ A}$
- Peak current $I_S = 10^3 \text{ A}$
- Transition resistance $R_{tr} < 0.5 \text{ m}\Omega$
- Insulation resistance $R_{iso} > 10^{14} \text{ Ohm}$
- Electric strength of isolation $> 30 \text{ kV}$

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 Torx¹⁾ screws (recommended tightening torque: 0.5 Nm)

6. Accessories / Useful tools

- Cable End Sleeves made from pure copper, gold-plated (0.5 to 16 mm²)
- Crimping Pliers

Warning: The use of contacting agents and cleaners containing solvents can lead to damage to the plastic components.



certified according to
EN IEC 62 368-1 (ES1, PS3),
UL - V1
and
RoHS compliant



This product can expose you to chemicals including phthalates, lead or lead compounds which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.