

Drilling scheme (original size)

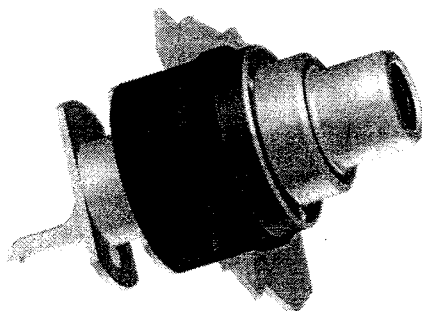
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①	Base element	1
②	Internal socket with WBT-active-spring contact, E-Cu 99.996%	
③	Double-wrap spring lock washer, bronze	1
④	3-hole-counter nut	1
⑤	Internal insulation, red or white PA6	1
⑥	Dielectric, Teflon*	1
⑦	Space washer, PA, 1 mm	1
⑧	Space washer, PA, 2 mm	1
⑨	Step washer, PA, 3,5 mm	1
⑩	Double step washer with flate hole and tappet, PA, 4,6 mm, red, white or yellow	1
Extend of delivery : 1-10, all parts mounted		
Revision date : 20.07.1999		

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 WBT is a reg. trademark of WBT, Germany.  
 \* Teflon is a reg. trademark of Du Pont.

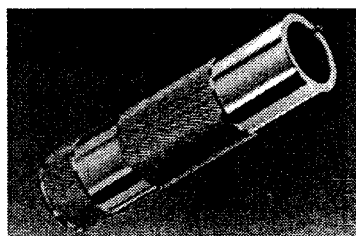
All dimensions in mm, values in brackets: inch

## WBT-0201 Coaxial socket (RCA)

Coaxial socket for cabinet mounting, *soldering version*



- Mechanics**
  - single-segment, low-tolerance contact elements (tol. less than ± 0.02 mm)
  - external socket with solder lug machined directly from basic element
  - internal socket with double prism contact areas, WBT active spring mechanic with its wrapping bronze spring lock washer; large spring travel for constant contact pressure even if counterpieces are imprecisely worked
- Materials**
  - external socket made of highly ductile "OFC" copper alloy (68%)
  - internal socket made of pure E-Cu (99.996%)
  - internal insulating material: moulded Teflon\* part
  - external insulating material: polyamide 6
- Surfaces**
  - external socket: WBT 24-carat gold-plating bronze 5 µm, Au 0.3 µm
  - internal socket: single-layer direct gold-plating with Au 0.3 µm
  - both surfaces free from ferromagnetic properties
- Operating characteristics** (reliably observed after more than 10<sup>3</sup> connections/disconnections)
  - constant current  $I_b > 40 \text{ A}$
  - contact resistance  $R_c \leq 0.1 \text{ mohms}$  (loop, measured with WBT-0108)
  - volume resistance  $R_v \leq 0.05 \text{ mohms}$
  - self-capacitance  $C = 6.3 \text{ pF}$
  - insulation resistance  $R_{\infty} > 10^{10} \text{ ohms}$
  - surge impedance (projective)  $Z = 16 \text{ ohms}$
- Terminals**
  - soldering version, for cables up to 1.5 mm<sup>2</sup>
- Mounting**
  - problem-free by hand using the knurled nut
  - for series processing we recommend the special mandrel tool WBT-0299
  - recommended distance of two socket centers: 17.78 mm = 7/10 inch (standard)



Special mandrel tool WBT-0299