

Title (en)
COAXIAL CONNECTOR

Title (de)
KOAXIALVERBINDER

Title (fr)
CONNECTEUR COAXIAL

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Application
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Abstract (en)
[origin: US2008254668A1] The invention relates to a coaxial bushing connector (10) comprising an outer conductor part (12), an inner conductor part (14), a first end (18) for attaching a coaxial plug connector, a second end (20) lying opposite the first end, in particular for connecting to a coaxial cable or to a printed circuit board, and an electrical and mechanical reference plane (16), the outer conductor part between the first end of the coaxial bushing connector and the electrical and mechanical reference plane matching the BNC standard. The coaxial bushing connector is designed in such a way that at least between the electrical and mechanical reference plane on the one hand and the second end of the coaxial bushing connector on the other hand the inner conductor part and the outer conductor part form between them over at least one predefined section a 7 mm coaxial line, an outer conductor of the outer conductor part having an inner diameter of 7 mm and an inner conductor of the inner conductor part having an outer diameter of 3.05 mm and air being present as a dielectric between the inner and outer conductors.

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