

RF Coaxial Connector APC7



Overview

The APC-7 connector (also referred to as a 7 mm connector) is a precision coaxial connector used on laboratory microwave test equipment for frequencies up to 18 GHz. APC-7 connectors are advantageous because they have a low reflection coefficient, make repeatable coaxial connections, and are genderless. The connectors are expensive, so they are seldom used outside the laboratory. Features APC-7 connector pairs have several desirable features:

- The connectors are genderless. This avoids the need for APC-7 connectors to require adapters to change from the connectors used in the laboratory to those used on everyday products. These adapters are expensive precision devices. For example, an APC-7 to type N (f. "APC" stands for Precision Connector and "-7" for 7 millimetres. Hewlett-Packard started developing the connector in the mid-1960s. Amphenol improved the design and manufactured the connector. • • •.



Article Content

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APC-7 connector explained

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APC-7 (7 mm) connector. The APC-7 (Amphenol Precision Connector-7 mm) offers the lowest reflection coefficient and most repeatable measurement of all 18 GHz connectors. Development of the

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sku: ARS-4723 APC-7 to SMA-Female Coaxial Connector Adapter - ARS-4723 \$149.99
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Walter Krenn Hochfrequenztechnik GmbH » APC-7

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Amphenol APC Series RF Connectors / Coaxial Connectors

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APC-7 connector

The APC-7 is a "sex-less" coaxial connector, meaning it utilizes a butt contact design for both the inner and outer conductors. This unique feature ensures a consistent and reliable connection, minimizing

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APC-7 connector

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Product Description APC-7 to SMA-Female Coaxial Connector Adapter Quality matters and American Radio Supply is a trusted supplier of genuine OEM components. We supply the U.S. Armed Forces

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APC-7 connector

High-Frequency Connectors and Interconnects: This book provides a comprehensive overview of high-frequency connectors, including the APC-7. It covers topics such as connector design, materials,

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