

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 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 [View Details](#)

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Walter Krenn Hochfrequenztechnik GmbH » APC-7

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Bulk RF Connectors / Coaxial Connectors PREC CONN 131-91050 Amphenol RF 100: \$635.70 Non-Stocked Mfr. Part # 131-91050 Mouser Part #523-131-91050 Amphenol RF RF Connectors / Coaxial

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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 Product Category

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APC-7 connector

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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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