



SPINNER GmbH is one of the leading high-quality RF component and systems manufacturers in the world. For more than 60 years we have been supplying our customers with innovative products and customer specific solutions for a broad range of applications. The SPINNER Group has its headquarters in Munich, Germany, with production facilities in Germany, Hungary, China and the US that employ more than 1,400 workers world-wide. We have subsidiaries and representatives in over 40 countries providing the highest level of support to our international customers. It has always been our mission to use our technical expertise and longstanding experience in order to create the optimum solutions for our customers.

## Coaxial Connectors - Type N

The Type N connector can be used at frequencies up to 11 GHz, high-precision types up to 18 GHz. It is typically used in mobile communication applications with demanding mechanical and electrical requirements.

That is why SPINNER exclusively manufactures connectors with non-slotted outer conductor contacts and a special sealing profile in the connector head instead of the flat seal disk, specified by IEC or CECC. This ensures the most reliable sealing function. The coupling nut on N connectors has the special SPINNER profile and is fastened by flanging in the outer conductor. This leads to a much higher tightening torque and unmatched contact pressure.

## Coaxial Connectors - Type 7-16

The 7-16 connector has become the most widely used coaxial connection system for mobile communication systems, due to its excellent mechanical and electrical properties.

In order to achieve the industry leading intermodulation performance (typically -165 dBc), SPINNER applies silver-plating on all inner and outer conductor parts of the standard connector. As a supporting measure we use exclusively non-magnetic materials, and we have minimized the number of RF contact points.

The connection is especially suited for transmitting medium or high power signals (indoors and outdoors), up to a frequency of 8.3 GHz. Like all other SPINNER connectors our 7-16 connectors are also equipped with the special SPINNER profile coupling nut. This nut, which is fastened by flanging, allows a high test torque up to 55 Nm.

