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SPINNER EasyDock Savings Through Automated Testing

HIGH FREQUENCY PERFORMANCE WORLDWIDE
www.spinner-group.com



The Challenge

Conventional push-pull measurement adapters are designed for manual feeding of the measurement adapter to the test device, which means that they are not suitable for automated movement processes.

They have to be feeded correctly and therefore manually to the test device since they cannot compensate tolerances.

SPINNER EasyDock non-locking versions



The Solution

The **SPINNER EasyDock** is a spring-mounted RF measurement adapter that guarantees perfect contact and reliable operation even when the axes of the test device and the adapter are not perfectly aligned.

It tolerates deviations in all planes and directions and the conical intake ensures that the adapter and the test device slide together reliably even if they are not centered and aligned. Moreover, the precision of the measurement process is totally unaffected by mechanical tolerances.

The Benefit

Tests with SPINNER's EasyDock have shown significant savings up to 80% compared to manually mated test procedures.

Time has come where not just design to cost measures have improved CAPEX position of manufacturers, but also OPEX savings improved post production significantly.

LOW PIM

Any SPINNER EasyDock featuring either 4.3-10 or 7-16 as measurement interface (front or rear) supports PIM measurement up to -162 dBc.



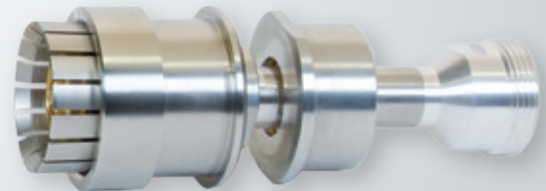
SPINNER EasyDock locking versions



7-16
Hand locking



4.3-10
Machine locking



7-16
Machine locking

Key Features

- Compensation of any misalignment at device under test or test system
- Perfect contact, even when the axes of device under test and adapter are not perfectly aligned
- Reliable and repeatable test results
- Suitable for PIM measurement
- Constant contact pressure of 80 N
- Available as non-locking and locking versions



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SPINNER designs and builds cutting-edge radio frequency components, setting performance and longevity standards for others to follow. The company's track record of innovation dates back to 1946, and many of today's mainstream products are rooted in SPINNER inventions. Industry leaders continue to count on SPINNER's engineering excellence to drive down their costs of service and ownership with premium-quality, off-the-shelf products and custom solutions. Headquartered in Munich, Germany, the global frontrunner in RF components remains the first choice in simple-yet-smart RF solutions.

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Data subject to change without notice

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