

SPINNER

Low PIM Test Load for In-Building Systems



THE Load for PMR/TETRA and Mobile Communications

HIGH FREQUENCY PERFORMANCE WORLDWIDE
www.spinner-group.com



The SPINNER Group

For more than 75 years, the SPINNER Group has been setting new standards worldwide in high-frequency technology. Based in Munich with production facilities in Germany, Hungary and China, SPINNER currently has over 1,000 employees. Our international network of subsidiaries and distributors supports customers in over 40 countries.



TEST & MEASUREMENT



COMMUNICATION



BROADCAST



SATCOM/SPACE



WIND ENERGY



INDUSTRY



SUBSEA/OFFSHORE

RF Measurement

Today no development, production, testing or quality assurance department that deals with RF signals on coaxial lines can afford to dispense with up-to-date measurement equipment. Particularly with vector network analyzers, it is essential for them to use high-precision connectors, terminations and adapters.

The same statement applies to calibration kits and mechanical accessories such as gauges for checking mating face dimensions or torque wrenches for tightening coupling nuts. In all of these cases, SPINNER has established new, extremely high standards of precision which most users would not want to do without.

Precisely measured values are especially important when transmitting high power levels. Other major applications

include extensive testing of mobile communications systems such as GSM, UMTS and LTE and wireless data transmission, e.g. via WiMAX, Wi-Fi and RFID.

SPINNER supplies coaxial measurement equipment of outstanding electrical and mechanical quality for use at frequencies from 1 kHz to 120 GHz.

Coaxial and Waveguide Measurement Devices

Coaxial & waveguide measurement devices made by SPINNER are needed for:

VNA / S-Parameter Measurement

- Calibration and verification standards
- Air lines
- Rotary joints
- Articulated lines
- Adapters
- Connector gauges

Millimeter Wave Measurement

- Ruggedized test port adapters
- mmWave waveguide-to-coaxial adapters
- 1.35 mm E Connector
- EasyLaunch PCB connectors
- EasySnake flexible dielectric waveguides
- Connectivity solutions for RF anechoic chambers

PIM Measurement and Test Automation

- EasyDock push-pull adapters
- Low PIM switches
- Low PIM test cables
- Low PIM rotary joints
- Low PIM loads
- Low PIM passive intermodulation standards

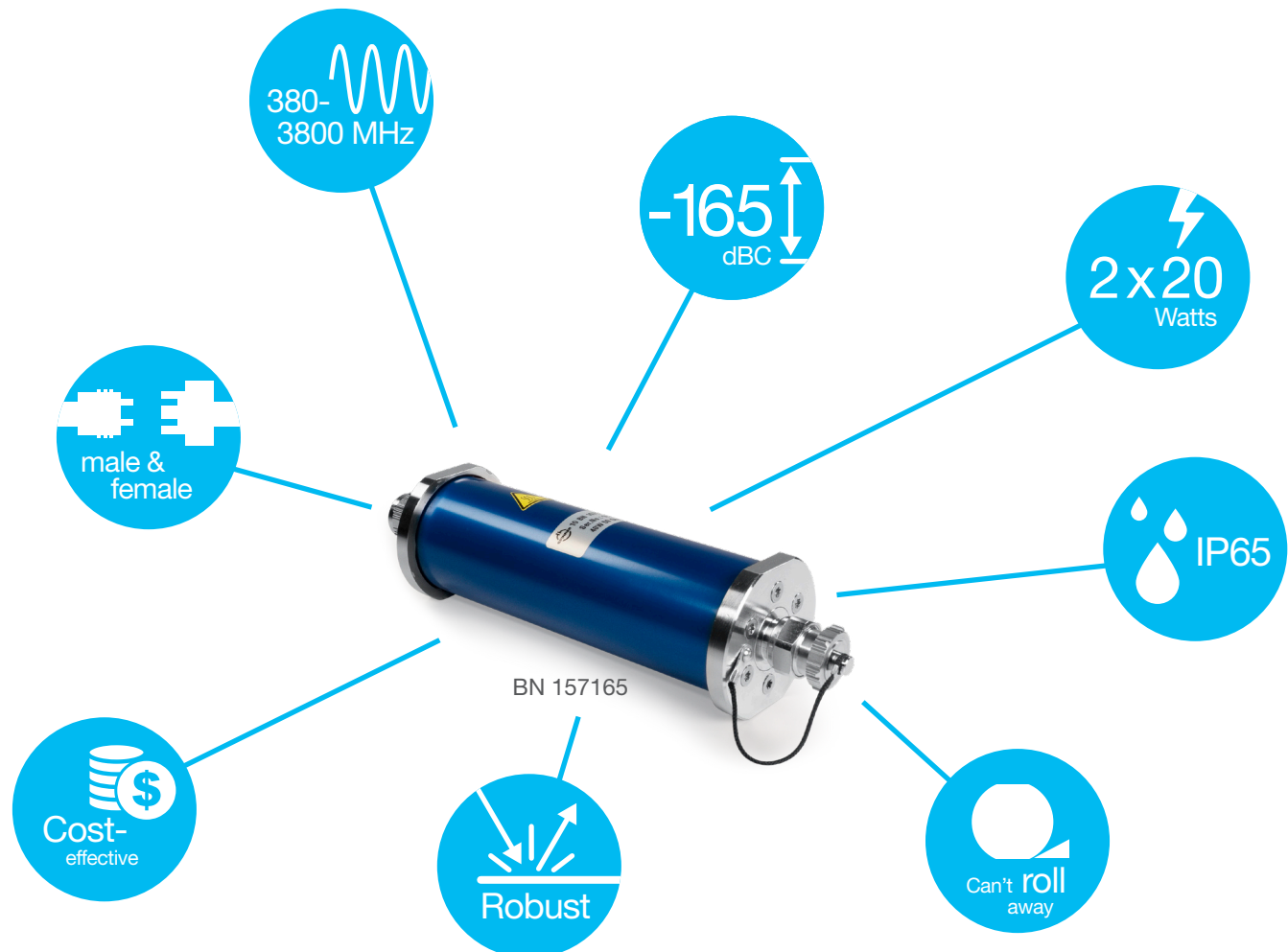


Connectivity Solutions for RF Anechoic Chambers

- Ruggedized test port adapters
- mmWave waveguide-to-coaxial adapters
- Panel feedthroughs
- Articulated lines
- EasySnake flexible dielectric waveguides
- Rotary joints

Low PIM Test Load - The Jack of all Trades for In-Building Systems and Professional Mobile Radio (PMR/TETRA)

The new SPINNER low PIM test load will not only take a load off you, but is also more universal and especially better than everything else that has been available until now. Now you only have to take a single load with you for PMR/TETRA and mobile communications.



Features & Benefits of SPINNER Low PIM Test Load BN 157165, It:

- ✓ Covers the range from 380 to 3800 MHz and is therefore equally suited for conventional mobile communication bands, new 5G bands, and PMR/TETRA
- ✓ Has a 4.3-10 female connector on one end and a 4.3-10 male connector on the other
- ✓ Handles 2 x 20 watts
- ✓ Is approved for down to -165 dBc
- ✓ Is equipped with highly robust, long-lived plug connectors designed to withstand many mating cycles
- ✓ Features protective caps that can't get lost and that extend to the end of a mounted port saver BN 432017
- ✓ Is easy to grip and rests comfortably in your hand
- ✓ Weighs less than a kilogram
- ✓ Can't roll away, despite cylindrical design
- ✓ Is also compact enough for you to carry it in your testing bag



HIGH FREQUENCY PERFORMANCE WORLDWIDE

SPINNER designs and builds cutting-edge radio frequency systems, 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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