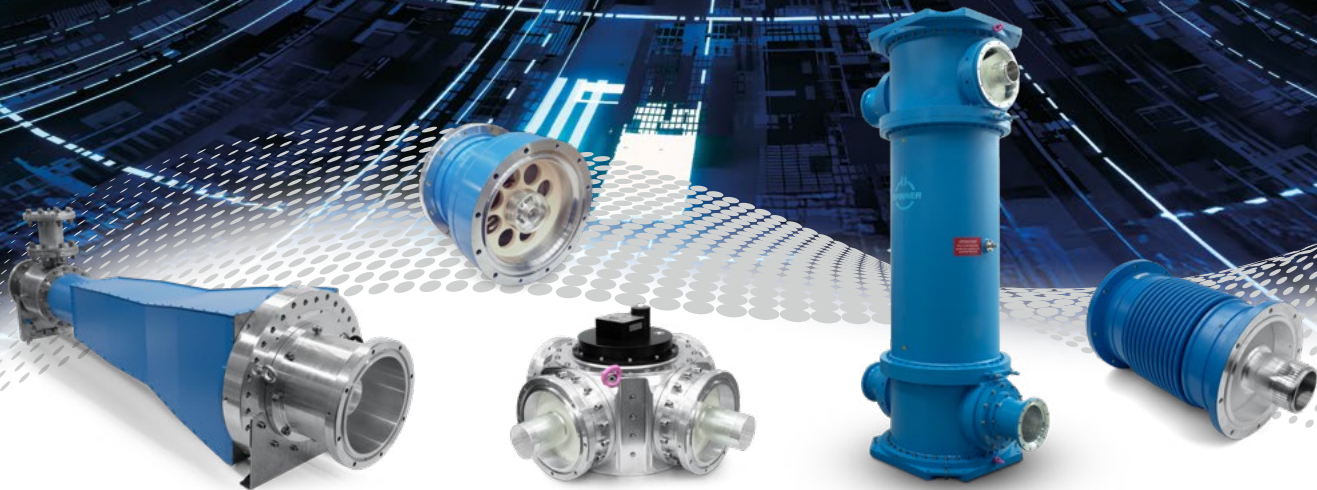


SPINNER High-Power RF Transmission



Coaxial Components for High-Power Applications



HIGH FREQUENCY PERFORMANCE WORLDWIDE
spinner-group.com



The SPINNER Group

For 80 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 800 employees. Our international network of subsidiaries and distributors supports customers in over 40 countries.



HIGH POWER



BROADCAST



COMMUNICATION



TEST & MEASUREMENT



SATCOM/SPACE



INDUSTRY



SUBSEA/OFFSHORE

Over 50 Years of Delivering High-Power RF Solutions

For over half a century, the SPINNER Group has played a key role in high-power projects worldwide, delivering transmission lines, combining systems, loads, and other RF equipment.

Our components consistently meet the highest quality standards, serving the demanding needs of experimental fusion projects, synchrotrons, linear particle accelerators, and other high-power industrial applications.

Global Support with Manufacturing Plants in Europe and China

SPINNER maintains close relationships with its customers, supported by production facilities for high-power RF solutions in Westerham, Germany, and Shanghai, China. We also operate sales offices across Europe, the USA, and Australia, along with a global network of trusted sales partners.



Your Trusted Partner for High-Power RF Components

SPINNER boasts a team of highly qualified engineers and technicians with deep expertise and decades of experience in their respective fields. The company leverages both commercial and proprietary state-of-the-art software tools for simulations across RF, electrical, thermal, and mechanical domains.

Comprehensive in-house testing is enabled by a range of measurement installations and dedicated test bays. This capability is further enhanced by advanced machinery and cutting-edge measuring and testing equipment.

SPINNER's innovation and technical edge are reinforced through strategic partnerships and collaborations. These efforts are underpinned by rigorous quality assurance processes, ensuring that all products and services consistently meet the highest standards.

SPINNER: Global Leader in High-Power RF Transmission Projects

With decades of experience, SPINNER has been a trusted partner in major high-power projects worldwide, including CERN, JET, and ASDEX. For these demanding applications, SPINNER supplied critical components for high-power RF transmission, meeting the highest standards of precision, reliability, and performance.

Our deep expertise and commitment to quality have made SPINNER a key player in enabling groundbreaking scientific and technological achievements through robust and efficient RF solutions.



Tokamak ASDEX

SPINNER supplied the ASDEX and Wendelstein test plants of the IPP Garching (Institute of Plasma Physics) with high-power lines RL 100-230 (50 ohm), stub tuners, DC-breaks, absorbers, and switches for the development of fusion reactors.

World-Renowned High-Power Reference Projects by SPINNER




Coaxial Lines Ranging from 7/8" to 12"

In addition to its extensive broadcast EIA coaxial portfolio, SPINNER also offers **specially developed coaxial components** for **big science applications**, available in 9" and 12" sizes, with 50 Ohm and other **custom impedances**.




Available in 9" and 12" Interfaces, 50 Ohm*

9" Interface

Quick Clamp	Easy installation system optimized for radio stations	 RL100-230LC - female (NEW)
9 3/16"	Standard 9" with 20 screw-fixing flange and optional contact shim	
RL 100-230	Optimized installation 8 screw-fixing flange with contact shim	
RL100-230LC NEW	Enhanced power line with liquid cooled inner conductor	

12" Interface

RL133-306LC NEW	"Lighter" 12" with liquid cooled inner conductor	 RL133-306LC - male (NEW)
RL150-345	SPINNER classic 12" Standard	

*Other impedances on request

Complete Portfolio of Coaxial High-Power Components

SPINNER offers a **complete portfolio** of **Coaxial High-Power Components** designed for top performance and reliability. From attenuators to loads, our products ensure optimal power handling and efficiency. Trust SPINNER for innovative RF solutions that keep your systems running strong, even under the most demanding conditions.



Complete Portfolio of Coaxial High-Power Components



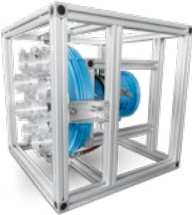
Hybrid Couplers



Soda Units



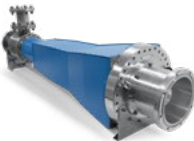
T-Connectors



Splitters / Combiners



Coupling Elements



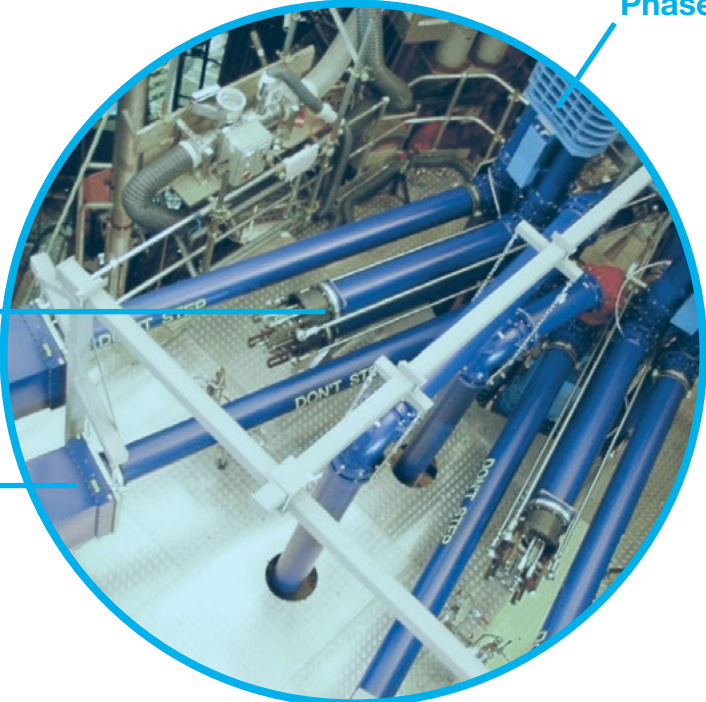
Soda Loads



Switches



Circulators



Service Stubs

Stub Tuners

Phase Shifters



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.

www.spinner-group.com

SPINNER GmbH

Headquarters

Erzgiessereistr. 33
80335 Munich

GERMANY

Phone: +49 89 12601-0
info@spinner-group.com

SPINNER ANZ Pty. Ltd

44 Lakeview Dr.
Scoresby VIC 3179

AUSTRALIA

Phone: +61 413 200677
info-anz@spinner-group.com

SPINNER Austria GmbH

Modecenterstraße 22/C38
1030 Vienna

AUSTRIA

Phone: +43 1 66277 51
info-austria@spinner-group.com

SPINNER Electrotécnica S.L.

c/ Perú, 4 – Local nº 15
28230 Las Rozas (Madrid)

SPAIN

Phone: +34 91 6305 842
info-iberia@spinner-group.com

SPINNER France S.A.R.L.

32-34 Avenue Kléber
75116 Paris

FRANCE

Phone: +33 6 32505210
info-france@spinner-group.com

SPINNER ICT Inc.

2220 Northmont Parkway, 250
Duluth, GA 30096

USA

Phone: +1 770 2636 326
info@spinner-group.com

SPINNER Nordic AB

Kråketorpsgatan 20
43153 Mölndal

SWEDEN

Phone: +46 31 7061670
info-nordic@spinner-group.com

SPINNER Telecommunication

Devices (Shanghai) Co., Ltd.
351 Lian Yang Road
Songjiang Industrial Zone
Shanghai 201613

P.R. CHINA

Phone: +86 21 577 45377
info-china@spinner-group.com

SPINNER UK Ltd.

Suite 8 Phoenix House
Golborne Enterprise Park,
High Street
Golborne, Warrington
WA3 3DP

UNITED KINGDOM

Phone: +44 1942 275222
info-uk@spinner-group.com