

**PENLINK**

# Slip Ring Solutions

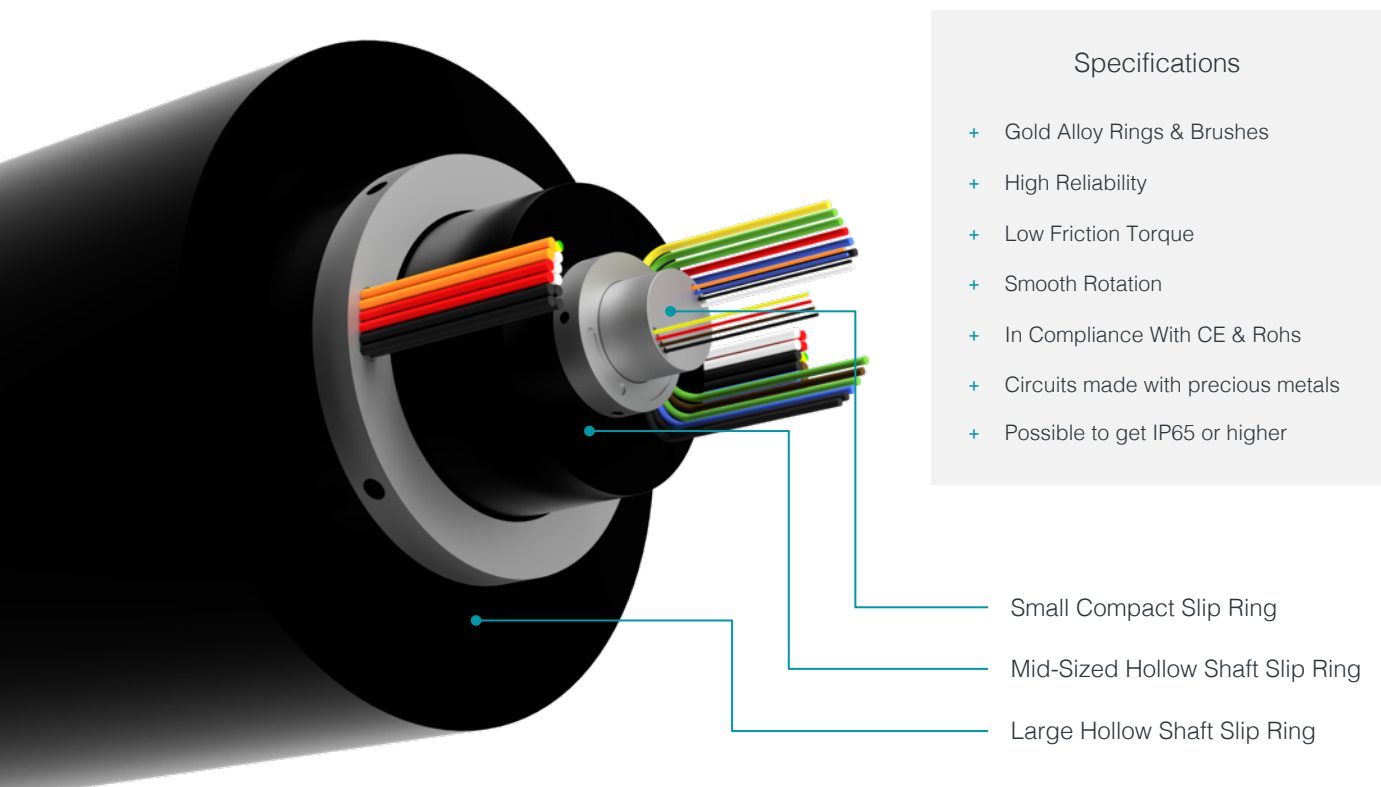
Penlink has extensive experience with designing slip rings for many different industries. This means that we have improved the way we modify our standard slip rings and made our solutions more streamlined. Even when space is limited, our slip rings can meet the requirements and the specifications of data, power and signals.

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## Minimizing the slip ring design to meet the space and specification requirements!

When we design our slip rings, we listen to our customer to learn what their specifications are and to figure out how to match that to space and environment restriction and requirements. The design of the slip ring is maximized with each solution to give our customer the most out of the component. We cut the size, cost, and down-time with our component used in your application.

The slip ring component itself is a smart product that enables transmission between a static and rotating exit point in your equipment. It eliminates any tangles of cables as it can rotate in 360 degrees without disturbance and still transfer data, power and signals. With our integrated design, we can optimize the component without the need to design another larger slip ring to match the specifications. This means that we can use standard or modified standard components to deliver the solution you need to a reasonable price.



## Combing components to create a solution that is compact and powerful.

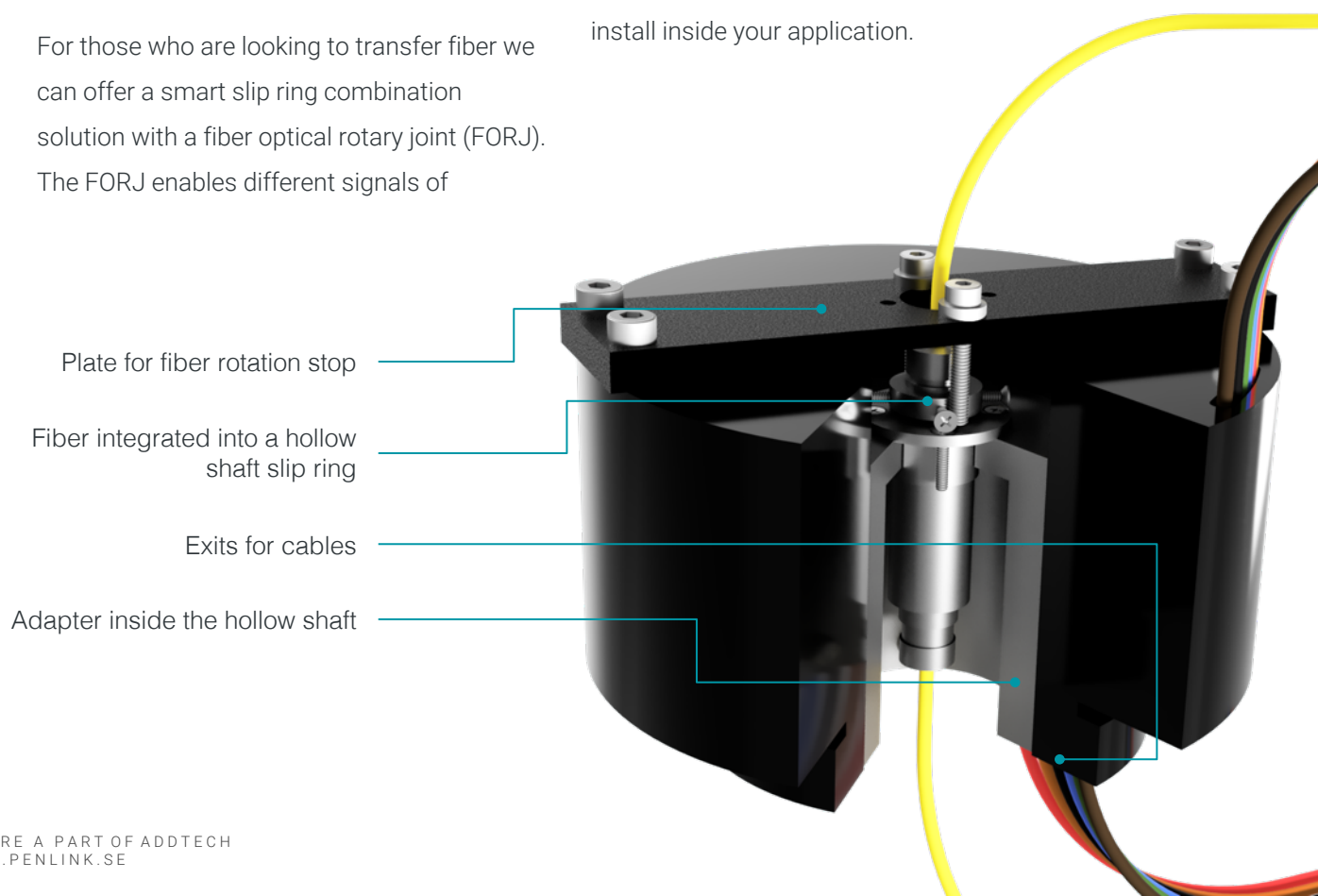
Depending on your needs we can integrate more than one slip ring in the unit in order to maximize the specification.

Our solutions can consist of a hollow shaft slip ring that we compliment with another compact slip ring to meet requirements where there is a need for a large number of circuits in a limited space. There are also cases where we have integrated multiple slip rings in one larger hollow shaft to amplify the specifications with more circuits and conductors. This all depends on what your application requires and what limitations might exist.

For those who are looking to transfer fiber we can offer a smart slip ring combination solution with a fiber optical rotary joint (FORJ). The FORJ enables different signals of

information inside the cable, as you can send the signals both ways on different wavelengths inside the fiber without disturbance. We integrate the FORJ inside a hollow shaft slip ring with an adaptor to make sure it is positioned safely from anything that can damage it.

The fiber optical joint is designed almost in the same way as the slip ring and can rotate freely without damaging the fiber or disturbing the signals. This combination of slip ring and FORJ creates a powerful solution that can transfer signals, power and high-speed data, all in one compact component that is easy to install inside your application.



Get in touch with us today to start your next project!

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Engineering &  
Product design



Inspection &  
Quality management



Simulation &  
Design verification



Assembly &  
Testing



Advanced  
Manufacturing



Value-Added  
Products & Services

We supply only the best solution for each and every industry, get in touch with us to learn more about your possibilities when working with Penlink.

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