

Waveguide RF Rotary Joints

The waveguide rotary joint is a kind of rotary joint applied to the microwave frequency, and its transmission mode determines that it has a narrow transmission bandwidth. The waveguide rotary joint is an important rotating device for transmitting TE and TM modes. Compare with coaxial rotary joints, it has higher power capacity, smaller conductor loss and dielectric loss.

This series of products can be combined with other slip rings such as control signals, communication signals, power supplies, fluid media, etc. to form a combined slip ring to meet the diverse transmission of signals.

Model	Frequency Range	Peak Power,max	Average Power,max	VSWR	Insertion Loss(dB)
LPHF-WG01D	5.4-5.9GHz	10KW	1KW	1.2	0.3dB
LPHF-WG01E	27.6-28.3GHz	/	/	1.5	0.5dB
LPHF-WG01C	9.5-10.5GHz	2KW	200W	1.2	0.3dB