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L-style rotary joints are designed for outdoor use



The L-style joints cover the frequency range 5.8 to 15.0GHz and are available in five different waveguide sizes from WR137 to WR62, with or without mounting flanges.

Precision engineered for high performance, the AM-RJL series achieves a typical insertion loss of better than 0.2dB, a typical VSWR of 1.1:1 and an average power rating in excess of 200W.

These rotary joints incorporate quarter-wavelength non-contacting chokes, and hence the lifetime is solely governed by that of the bearings (typically in excess of 50 million revolutions) and is not dependent on any RF interfaces.

In addition to the standard range of L-style rotary joints, Link Microtek can also produce custom designs to meet specific requirements. All waveguide products are manufactured to the highest standards under the company's BS EN ISO:2000 quality management system.

At this year's European Microwave Week, Link Microtek displayed the latest addition to its comprehensive range of waveguide rotary joints: a series of L-style models that are particularly suitable for outdoor applications such as satcom or military-radar systems.

As well as offering IP65 environmental protection, the AM-RJL series rotary joints feature a rugged, lightweight aluminium construction, finished in Alochrom satin black epoxy paint.

Further information from:

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