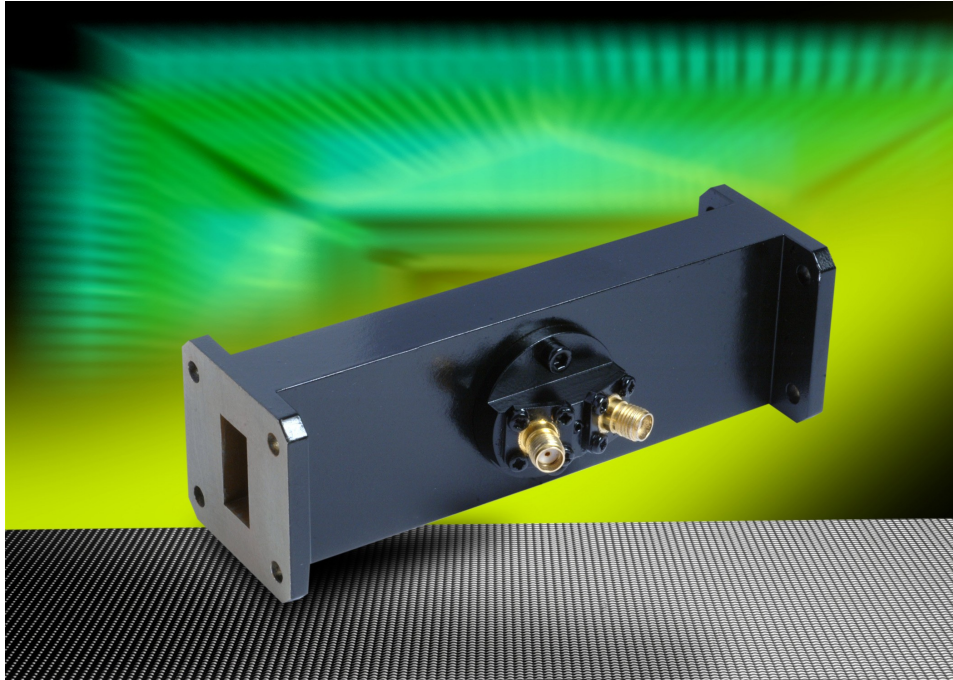


New microwave loop couplers combine high directivity with small size



New from Link Microtek's Engineering Division is a range of microwave loop couplers that offer higher directivity values than equivalent cross-guide couplers and are also significantly smaller.

Suitable for monitoring microwave power levels in applications as diverse as X-ray machines and radar antennas, the AM-LC series of loop couplers cover frequencies from 2.6 to 40.0GHz and can achieve directivities as high as 40dB, enabling highly accurate measurements to be made.

The devices range in length from 25mm to 200mm for standard waveguide sizes WR28 to WR284, and all

models can be specified with coupling values of 30, 40 or 50dB and a choice of SMA, N-type or TNC connectors. These high-performance loop couplers feature low insertion losses and low VSWR values, as well as the capability to handle full waveguide power.

Designed and manufactured by Link Microtek at its premises in the centre of Basingstoke, the AM-LC devices are fabricated as standard from light-weight Anodized aluminium with a black satin paint finish and can also be supplied in brass or other materials to special order.

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