

## WR137 REDUNDANT COMBINER ASSEMBLY

**Luso Electronics Redundant Combiner Assembly** is a simple cost effective alternative to the VPC system. The RCA together with the DDA78 controller, facilitate automatic redundancy in a two amplifier phase combining system. If one amplifier fails, the RCA is configured to allow the functional amplifier to deliver its output power to the antenna port with minimal loss with the failed amplifier routed to load. The **RCA** can either be supplied as a stand alone unit or be integrated as part of a small system around for example a pair of E2V Stellar Satcom Amplifiers. For custom design requirements including units in other waveguide sizes please contact the sales office.

### Specifications

Frequency	5.85-6.725 GHz.
Insertion Loss	0.35dB max.
Isolation	25dB min (combined mode) 40.0dB min. (1:1 mode)
Power handling	2000W max (2x 1000W)
Switching time	3 seconds.

