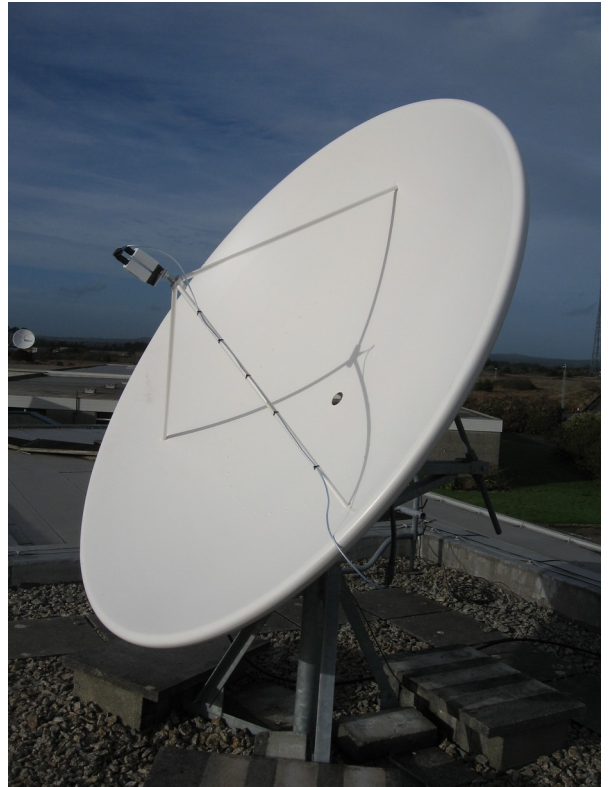
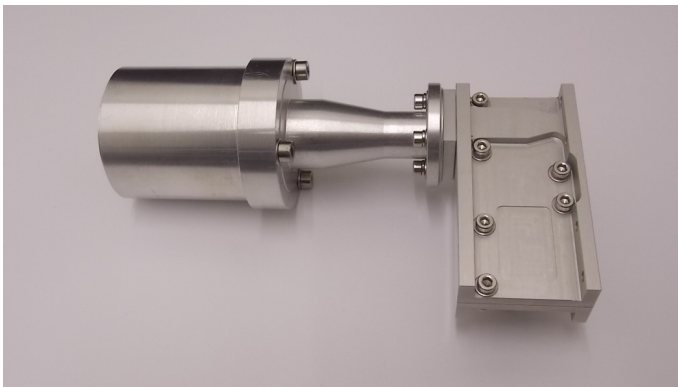


Press Contact

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Elite to Launch new Ka Band TX/RX Feed Chain Components



Elite is pleased to launch a range of new Ka band TX/RX components to complement our existing Ka RX only feed chain designs which include a polariser, OMT and feed as modular components.

The new components include a wide band TX/RX polariser, OMT and feed operating over the full operating band 17 - 22 GHz, 27 - 31 GHz.

Ka satcom receive/transmit polarisers are required when the antenna is to operate with circular polarisation simultaneously at the receive and transmit frequencies which are widely separated, as in the case of the Ka satcom band.

Elite also provide polarisers for circular polarisation for specific portions of the band. If improved performance is required over a specific portion of the band, additional tuning can be added.

The company has additionally designed a full band TX/RX OMT and feed to match our range of high quality reflectors in diameters from 0.9 to 4.5m diameter. The feed chain components are suitable for many other prime focus and offset reflectors available in the market dependent on the f/D required of the reflector.

If variations on these items are required for your project, the company will be happy to offer our design and engineering services. Elite offers a fast, flexible range of solutions to meet the vast majority of prime focus applications.

Please contact the company on sales@elite-antennas.com for a quote or a technical proposal.

About Elite Antennas

Elite Antenna's principal area of expertise is the design and manufacture of antennas for satcoms, surveillance and weather radars at C, X, Ku and Ka bands. A wide range of spun reflectors, antenna feeds, polarisers and other antenna components are produced as standard and items may also be designed to customer specification. Resources include HFSS microwave design software, Solidworks mechanical design software and a dedicated microwave laboratory used by our skilled design engineers. Staff include two PhD's, three first degrees and various technical level qualifications.

Elite Antennas Ltd. filled the gap in the antenna market which was left when Precision Antennas Ltd closed in 2008. Elite purchased much of Precision's production equipment, and is now the largest European producer of spun antennas. Reflectors with diameter up to 4.5m are available.

The company produces reflectors with a wide range of F/D ratios and is able to manufacture "specials" when needed. The company also manufactures antenna pedestals and positioning systems, both manually and electronically controlled. Steelwork is produced by our own fully approved welders.

Elite Antennas Ltd is ISO9001:2008 certificated. Many products are exported and customers include government and commercial establishments worldwide including Europe, the US, Asia and the Middle East.

ENDS # # #