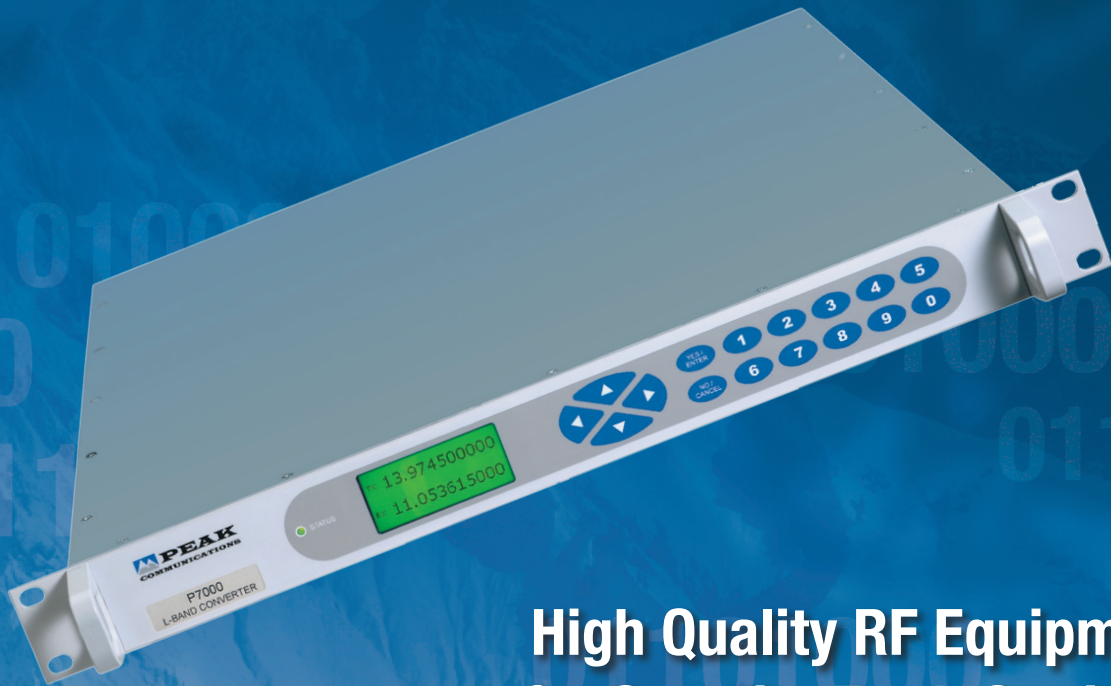




PEAK
COMMUNICATIONS



High Quality RF Equipment for Satellite Earth Stations:

- Frequency Converters
- Automatic UpLink Power Controllers
 - Beacon Receivers
 - Test Loop Translators
 - Line Amplifiers
- Splitters & Combiners
- Variable Gain Systems
- Reference Generation & Distribution
 - Distribution Switching Systems
 - Redundancy Switching
 - Noise Sources
- Custom Solutions

Quality through technology



PEAK

COMMUNICATIONS

Quality through technology

Peak Communications are a long established, privately owned company based in the United Kingdom, which has been manufacturing products for the Satellite and Telecommunications market since 1995. Supplying to both the commercial and military sectors it has built a substantial client base that includes many of the major Earth Station Operators, System Integrators, Defence/Government Agencies and Broadcasters around the world.

The company's main expertise is in standard frequency conversion products, however, a substantial part of the sales growth has been due to a highly responsive design and manufacturing capability with the flexibility to provide custom built or modified equipment, based around RF technology, within short time frames and realistic budgets and normally without the need for NRE charges.

Standard products

Frequency Converters

L-Band, IF (70/140MHz) Agile Converters

- Combined or separate up & down converters in a single 1RU chassis.
- Remote mounted weatherproof versions.
- Multi-channel dual & quad converters.
- Suitable for high & low data rates and higher order modulation schemes.

SHF, IF (70/140MHz) Agile Converters

- Full S, C, X, Ku and DBS-Band coverage.
- Fully Synthesised to 1Hz resolution.
- Compliant with IESS specifications.
- L-Band interface as standard

Fixed Frequency Converters

- L-Band, IF (70/140MHz) converters.
- IF 70MHz/140MHz converters.
- Ideal for cost effective interfacing applications.
- Excellent group delay response.

Block Up/Down Converters

- Rack, half-rack, remote or hot swappable.
- S, C, X, Ku, DBS and Ka-Bands.
- Full 'remote control' & user interface available.
- Excellent phase noise response, typically exceeding IESS by 30dB.

Test Loop Translators

- Rack, half-rack or remote mounted.
- TX/RX or TX/L-Band translations.
- All primary frequency bands covered.
- Multi-Band options.
- Attenuator options.



Automatic UpLink Power Controllers

- Internal/external beacon receiver.
- Internal multi-channel compensation.
- Expandable 'modular' channels.
- Direct compensation via external Peak UpLink equipment.

Beacon Receivers

- Rack, compact remote mounted & OEM versions available.
- L-Band or SHF input versions available.
- Fast signal locking options to <1 second
- Sophisticated digital side-band rejection system.
- Graphical display of beacon signal.

Line Amplifiers

- Rack, half-rack & remote mount versions.
- Redundant "Hot-swappable" in 1RU.
- IF 70/140MHz, L-Band or SHF.
- High gain flatness & stability.
- Attenuation and power monitor options.



PEAK

COMMUNICATIONS



Working closely with system designers, Peak have successfully undertaken many major projects involving hardware and software deliverables followed by training, support and service contracts, to customer specific requirements.

Peak Communications is an ISO9001: 2000 approved company, which provides support to the design and manufacturing teams to ensure high quality, reliable products are supplied on time, every time.

Customer service and support are our major business drivers, for which we are widely acknowledged as 'best in class'. So whatever your RF system requirements, Peak Communications will be pleased to provide a solution for you.



Splitters & Combiners

- Up to 32 way.
- Active & passive.
- Redundant amplifiers & PSU's.

Variable Gain Systems

- Multi-channel modular.
- Remote control.

Reference Generation & Distribution

- High Stability.
- Fan out to 16 way

Distribution Switching

- Up to 16 way in 1RU.
- Latching for power fail tolerance.
- High isolation.
- Remote control.

Redundancy Switching

- All units available in 1+1 to 8+1 configurations.
- Remote control as standard.
- Minimal insertion loss.
- Dual mains input, redundant PSU.

Specials and Custom Builds

- OEM style modules.
- Customer 'branded' units.
- Signal conditioning.
- LNB driver, switching and redundancy units.
- UHF conversion and conditioning.
- Station clock routing & distribution.
- Noise sources.
- Bespoke projects undertaken.

For more details on all of our products and services, please visit our website or alternatively contact us directly

www.peakcom.co.uk



PEAK
COMMUNICATIONS

**Unit 1, The Woodvale Centre, Woodvale Road
Brighouse, West Yorkshire, HD6 4AB, UK**

Telephone: +44 (0) 1484 714200

Sales (INTERNATIONAL): +44 (0) 1484 714229

Sales (UK): +44 (0) 1484 714300

Fax: +44 (0) 1484 723666

email: sales@peakcom.co.uk

www.peakcom.co.uk

