

# Standard Products

## Synthesised Frequency Converters (Rack & Remote Mounted);

P7000	IF to L-Band Up/DownConverter
P7001	L-Band to IF DownConverter
P7001D	Double L-Band to IF DownConverter
P7001Q	Quad L-Band to IF DownConverter
P7001R	Remote L-Band to IF DownConverter
P7002	IF to L-Band UpConverter
P7002D	Double IF to L-Band UpConverter
P7002R	Remote IF to L-Band UpConverter
P7003 series	C-Band to IF DownConverter
P7006 series	IF to C-Band UpConverter
P7007	X-Band to IF DownConverter

P7008	IF to X-Band UpConverter
P7010/11/12	Ku-Band to IF DownConverters
P7013 series	IF to Ku-Band UpConverters
P7018 series	IF to DBS-Band UpConverter
P7020	IF to S-Band Up/DownConverter
P7021	S-Band to IF DownConverter
P7022	IF to S-Band UpConverter
P7025 series	Full Ku-band to IF DownConverter
P7035	Full Ku-band to IF DownConverter
P7600 series	IF to Dual-Band (C, Ku) UpConverter

## Fixed Frequency Converters (Rack & Remote Mounted);

F1200	IF/L-Band Combined Up & DownConverter
F1201	L-Band to IF DownConverter
F1201R	L-Band to IF Remote DownConverter

F1202	IF to L-Band UpConverter
F1202R	IF to L-Band Remote Mount UpConverter
IF70, IF140	IF 70/140MHz Converters

## Block Converters - High Performance;

<b>Block UpConverter Frequency Ranges; Single Range</b>	
600	L to Standard C-Band (5.85-6.425GHz)
665	L to Extended C-Band (5.85-6.65GHz)
6725	L to Super Ext. C-Band (5.85-6.725GHz)
7025	L to INSAT C-Band (6.70-7.025GHz)
710	L to Extended INSAT C-Band (6.70-7.10GHz)
790	L to X-Band (7.9-8.4GHz)
1275	L to Ku-Band (12.75-13.5GHz)
130	L to Ku-Band (13.00-13.75GHz)
137	L to Extended Ku-Band (13.75-14.5GHz)
140	L to Standard Ku-Band (14.00-14.5GHz)
180	L to DBS-Band (17.3-18.1GHz)
184	L to Extended DBS-Band (17.3-18.4GHz)
<b>Ka-Band Range</b>	
1970	L to Ka-Band (19.7-20.2GHz)
2750	L to Ka-Band (27.5-28.6GHz)
2830	L to Ka-Band (28.3-29.1GHz) - <b>New</b>
2900	L to Ka-Band (29.0-30.0GHz)
2960	L to Ka-Band (29.6-30.2GHz)
3100	L to Ka-Band (30.0-31.0GHz)
<b>Multi-Range</b>	
2000	L to Full Ku-Band (12.75-14.5GHz), 2 range
3000	L to Full Ku-Band (12.75-14.5GHz), 3 range
3003	L to Dual-Band C & Full Ku-Band UpConverter
3004	L to Tri-Band C, X & Full Ku-Band UpConverter

<b>Block DownConverter Frequency Ranges; Single Range</b>	
340 - 344	C (3.4-4.2GHz) to L-Band
420 - 424	C (3.4-4.2GHz) to L-Band, Inverted Spectrum
450 - 454	INSAT C (4.5-4.8GHz) to L-Band
725	X (7.25-7.75GHz) to L-Band
1070	Ku Low (10.7-11.7GHz) to L-Band
1095	Ku Low (10.95-11.70GHz) to L-Band
1120	Ku Mid (11.2-11.7GHz) to L-Band
1170	Ku Mid (11.7-12.2GHz) to L-Band
1171	Ku High (11.70-12.75GHz) to L-Band
1225	Ku High (12.25-12.75GHz) to L-Band
<b>Ka-Band Range</b>	
1820	Ka (18.2-19.2GHz) to L-Band
1890	Ka (18.9-19.6GHz) to L-Band - <b>New</b>
1920	Ka (19.2-20.2GHz) to L-Band
1950	Ka (19.5-20.2GHz) to L-Band
1970	Ka (19.7-20.2GHz) to L-Band
2140	Ka (21.4-22.0GHz) to L-Band
2950	Ka (29.5-30.0GHz) to L-Band
<b>Multi-Range</b>	
2000, 2001	Full Ku (10.7 or 10.95-12.75GHz) to L-Band, 2 range
2003, 2004	Full C (3.4-4.8GHz) to L-Band, 2 range - <b>New</b>
3000, 3001	Full Ku (10.7 or 10.95-12.75GHz) to L-Band, 3 range
3000-2	Ku (10.95-11.7, 12.25-12.75GHz) to L-Band, 2 range
3003	Dual-Band C & Full Ku-Band to L-Band
3004	Tri-Band C, X & Full Ku-Band to L-Band

## High Performance Block Converter Ranges;

### Rack mounted with basic user interface;

IBUA series	Single-Range BUC's
IBUB series	Multi-Range BUC's
IBU(Ka) series	Ka-Band BUC's

IBDA series	Single-Range BDC's
IBDB series	Multi-Range BDC's
IBD(Ka) series	Ka-Band BDC's

### Rack mounted with full user interface & remote control;

IBUHA series	Single-Range BUC's
IBUHB series	Multi-Range BUC's
IBUH(Ka) series	Ka-Band BUC's

IBDHA series	Single-Range BDC's
IBDHB series	Multi-Range BDC's
IBDH(Ka) series	Ka-Band BDC's

### Rack mounted, modular 'hot swappable' with integral 1+1 redundancy;

DBU200 series	Single-Range BUC's & BDC's
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DBU200(Ka) series	Ka-Band BUC's & BDC's
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### Remote mounted;

PBUA series	Single-Range BUC's
PBUB series	Multi-Range BUC's
PBU(Ka) series	Ka-Band BUC's

PBDA series	Single-Range BDC's
PBDB series	Multi-Range BDC's
PBD(Ka) series	Ka-Band BDC's

## Block DownConverters - Standard Performance, 19" Rack Mounted Range;

L500 series Standard Performance, Single & Multi-Range Block DownConverters

## Block DownConverters – VSAT Grade, 19" Rack Mounted Range;

V500 series VSAT Performance, Single Range Block DownConverters



## Beacon Receivers & UpLink Power Controllers;

PTR50	L-Band CW Beacon Tracking Receiver
UPC7000 series	UpLink Power Control unit

EXP010	10-Channel Expansion unit for the UPC7000 series
P1000 series	1+1 Redundancy for the UPC7000 series

## Multi-Channel Gain Controller;

VGU010 10-Channel IF/L-Band Variable Gain Control Unit - **New**

## Line Amplifiers, L-Band & IF;

PLA series	Remote Mounted
DLA series	Rack Mounted, Modular 'hot-Swappable'

ILA series	Rack Mounted, basic user interface
ILAH series	Rack Mounted, full user interface & remote control

## Test Loop Translator – Frequency Ranges;

Single Range	
600, 672	C-Band (Tx) to L-Band - <b>New</b>
585, 585I, 642, 2225	C-Band (Tx) to C-Band (Rx)
790	X-Band (TX) to L-Band
742	X-Band (TX) to X-Band (RX)
127, 137, 140	Ku-Band (Tx) to L-Band
1000	Ku-Band (TX) to Ku-Band (RX)
180, 184	DBS-Band (TX) to L-Band

Ka-Band Range	
2750, 2800, 2900, 2960, 3000	Ka-Band (TX) to L-Band
3001	Ka-Band (TX) to Ka-Band (RX)
Multi-Range	
1003	Ku-band (TX) to 3-range Ku-Band (RX)
1004	C & Ku-Band (TX) to C & 3-range Ku-Band (RX)

## Test Loop Translator Ranges (Rack & Remote Mounted);

TLTR series	Single -Range, Remote Mounted
TLTA series	Single -Range, Rack Mounted, basic user interface
TLTB series	Multi -Range, Rack Mounted, basic user interface
TLT(Ka) series	Ka-Band, Rack Mounted, basic user interface

TLTHA series	Single -Range, Rack Mounted, full user interface & remote control
TLTHB series	Multi-Range, Rack Mounted, full user interface & remote control
TLTH(Ka) series	Ka-Band, Rack Mounted, full user interface & remote control

## Splitters & Combiners – Rack Mounted - **New**

ISL/ ICL series	4, 8, 16 & 32-way, Active/ Passive, L-Band Splitters & Combiners with basic user interface
ISLH/ ICLH series	4, 8, 16 & 32-way, Active/ Passive, L-Band Splitters & Combiners with full user interface & remote control

## Redundancy Units;

RCU50	1+1 for Remote BUC/BDC/LNB
RCU100	1+1 for L500/IBU/IBD series, with basic interface
RCUH100	1+1 for BUC/BDC series, with full interface
RCU200	2+1 for L500/IBU/IBD series, with basic interface
RCUH200	2+1 for BUC/BDC series, with full interface
T/ R1000	1+1 for P7000/IBUH/IBDH series
T/ R2000	2+1 for P7000/IBUH/IBDH series

T/ R1000LR	1+1 for Remote P7000 series
T/ R2000LR	2+1 for Remote P7000 series
RCU1000	N+1 Redundancy for P7000 series
RCU1001	N+1 Redundancy for IBU/IBD series
RCU1002	N+1 for IBUH/IBDH series
A1000L	1+1 for L-Band Line Amplifiers

## BUC/ BDC/ LNB Driver Units

D400/600 BUC/BDC/LNB Driver Units

## Reference Generation & Distribution Units - **New**

IRG series Reference Generation Units

# Specials and 'Custom Build'

The above datasheets show our standard products, in addition Peak build many other 'non-standard' items for customer specific applications and are happy to consider any design requirements, so if you don't see exactly what you need then please contact us and our engineering team will be happy to design a cost effective solution for your system.

- Control Panels  
FPC100 [Rack Mount Control Panel for Remote Mounted Agile Converters](#)
- Custom Frequency Converters  
P7701 [UHF to L-Band Block DownConverter](#)  
P7702 [L-Band to UHF Block UpConverter](#)
- Integral block UpConverters for KPAs, TWTAs or SSPAs
- Signal conditioning units  
I,LCTR102 [IF/L-Band Signal Conditioning & Monitor Unit](#)  
UHFseries [UHF Switching, Monitoring and Signal Conditioning Systems](#)
- Earth Station Remote Monitoring And Switching Systems

For more information on our products & services please visit our website; <http://www.peakcom.co.uk/>



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