

Antenna-Mount Block Up-Converters (BUCs)



Comtech Xicom Technology revolutionized the mobile SATCOM market with some of the smallest and lightest feature-rich block up-converters (BUCs) available. Our series of “shoebox-sized” BUCs for mobile SATCOM applications include 40W power versions which operate in the Ku-band as well as 50W versions for C and X-bands, and a new 20W Ka-Band BUC. Our new XTLIN series of BUCs feature 25W, 50W and 75W of linear power at Ka-band.

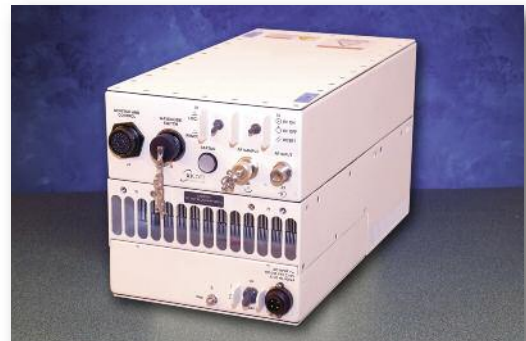
Xicom has just introduced the X-BUC, the most compact 50W BUC on the market.

Xicom antenna-mount BUCs are designed to meet your most exacting requirements for size, weight and high reliability for use in rugged, outdoor on-the-go communications.

Xicom is known worldwide for high quality and state-of-the-art designs of our high power amplifier products. And Xicom’s renowned worldwide service and technical support is always there if you need it.

Features

- ❖ Compact Sizes
- ❖ Lightweight
- ❖ High Efficiency
- ❖ Low Cost Operation
- ❖ No Shelter Required
- ❖ Direct Antenna Mounting
- ❖ Internal RF Filtering
- ❖ Full Monitor & Control via RS-485 or Ethernet
- ❖ L-Band Input
- ❖ 24/7 Technical Support
- ❖ Service Centers Worldwide



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Performance Specifications

Model Number	Frequency (GHz)	Power Sat (Watts)	Rated Power P1 (Watts)	Dimensions L x H x W (Inches)	Weight (Lbs)
DC Powered					
XTS-35C-B1	5.85 – 6.425	40	31	12.2 X 6.1 X 7.2	15
XTS-50X-B1	7.9 – 8.4	60	50	10.6 X 4.4 X 5.7	10
XTS-8K1-B1	13.75 – 14.5	10	8	11.5 X 5.9 X 4.3	9
XTS-16K1-B1	13.75 – 14.5	20	16	11.6 X 6.5 X 5.5	15
XTS-25K1-B1	13.75 – 14.5	25	20	11.6 X 6.5 X 5.5	15
XTS-40K2-B1	13.75 – 14.5	50	32	11.6 X 6.5 X 5.5	15
XTS-20Ka-B1	30 – 31	—	20	11.6 X 6.5 X 5.5	18
AC Powered					
XTS-25C	5.85 – 6.425	25	20	16.25 x 9.1 x 8.6	38
XTS-50C	5.85 – 6.425	50	40	16.25 x 9.1 x 8.6	40
XTS-100C	5.85 – 6.425	100	80	16.25 x 9.1 x 8.6	40
XTS-200C	5.85 – 6.425	200	158	21.5 x 10.3 x 16.5	95
XTS-100X	7.9 – 8.4	100	80	16.25 x 9.1 x 8.6	43
XTS-25K2	13.75 – 14.5	20	16	16.25 x 9.1 x 8.6	40
XTS-50K2	13.75 – 14.5	40	32	16.25 x 9.1 x 8.6	40
XTS-60K	14 – 14.5	63	51	16.25 x 9.1 x 8.6	40
XTS-100K1	13.75 – 14.5	80	63	16.25 x 9.1 x 8.6	40
New High Linearity Ka-Band BUCs					
Model Number	Frequency (GHz)	Linear Power (Watts)		Dimensions L x H x W (Inches)	Weight (Lbs)
XTLIN-25Ka-B1	30 – 31	25		14.0 X 6.6 X 12.4	30
XTLIN-50Ka-B1	30 – 31	50		14.0 X 6.6 X 12.4	32
XTLIN-75Ka-B1	30 – 31	75		14.0 X 6.6 X 12.4	32

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Amplifier Quality & Reliability Since 1991

Headquarters:
Comtech XICOM Technology
3550 Bassett Street
Santa Clara, CA 95054
Phone: +1-408-213-3000
Fax: +1-408-213-3001
e-mail: sales@xicomtech.com

www.xicomtech.com

European Sales Office:
Comtech XICOM Technology
Europe, LTD
4 Portland Business Centre
Manor House Lane • Datchet
Berkshire SL3 9EG • United Kingdom
Phone: +011 44 (0) 1753 549 999
Fax: +011 44 (0) 1753 549 997
e-mail: sales@xicomeurope.com

Singapore Sales Office:
Comtech XICOM Technology
150 Cecil Street
#08-02
Singapore 069543
Phone: +65 6325 1953
Fax: +65 6325 1950
e-mail: asiasales@xicomtech.com