

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 expanded series of “shoebox-sized” BUCs for mobile SATCOM applications include new 40 Watt power versions which operate in the X-, Ku-, and extended Ku-band, and 50 Watts in C-band.

These new 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 indoor and outdoor 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 (Inches)	Weight (Lbs)
DC Powered					
XTS-40C-B1	5.85 – 6.425	40	35	11.6 X 6.5 X 5.5	14
XTS-10X-B1	7.9 – 8.4	12	10	11.5 X 5.9 X 4.3	9
XTS-12X-B1	7.9 – 8.4	16	12	11.5 X 5.9 X 4.3	9
XTS-20XS-B1	7.9 – 8.4	25	20	11.5 X 5.9 X 4.3	9
XTS-20X-B1	7.9 – 8.4	25	20	11.6 X 6.5 X 5.5	14
XTS-25X-B1	7.9 – 8.4	30	25	12.2 X 7.2 X 5.9	14
XTS-35X-B1	7.9 – 8.4	40	35	12.2 X 7.9 X 5.9	14
XTS-40X-B1	7.9 – 8.4	50	40	11.6 X 6.5 X 5.5	14
XTS-45X-B1	7.9 – 8.4	50	45	12.2 X 7.2 X 5.9	14
XTS-8K-B1	13.75 – 14.5	10	8	11.5 X 5.9 X 4.3	9
XTS-12K-B1	13.75 – 14.5	14	12	11.5 X 5.9 X 4.3	9
XTS-16K-B1	13.75 – 14.5	20	16	11.5 X 5.9 X 4.3	9
XTS-20K-B1	13.75 – 14.5	25	20	11.5 X 5.9 X 4.3	9
XTS-25K-B1	13.75 – 14.5	32	25	11.6 X 6.5 X 5.5	14
XTS-40K-B1	13.75 – 14.5	50	40	11.6 X 6.5 X 5.5	14
XTS-10KaL-B1	30.0 – 31.0	10	8	11.5 X 5.9 X 4.3	9
XTS-20KaL-B1	30.0 – 31.0	20	16	11.6 X 6.5 X 5.5	14
AC Powered					
XTS-100C	5.85 – 6.425	100	80	17.3 x 8.6 x 8.0	42
XTS-200C	5.85 – 6.425	200	160	17.3 x 8.6 x 8.0	44
XTS-100X	7.9 – 8.4	100	80	17.3 x 8.6 x 8.0	42
XTS-200X	7.9 – 8.4	200	160	17.3 x 8.6 x 8.0	44
XTS-50K	13.75 – 14.5	50	40	17.3 x 8.6 x 8.0	42
XTS-100K1	13.75 – 14.5	100	80	17.3 x 8.6 x 8.0	42

08/09



Amplifier Quality & Reliability Since 1991

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