

## Antenna-Mount TWTAs



1250W Ku-Band



500W Ka-Band

**Comtech Xicom Technology** offers the world's largest selection of antenna-mount TWTAs (Traveling Wave Tube Amplifiers).

Xicom's antenna-mounted TWTAs are known worldwide for their reliable operation and long life. By eliminating the need for long waveguide runs, transmit power is optimized and RF Losses are reduced.

Acclaimed for their compact and highly efficient design, Xicom's antenna-mount amplifiers dramatically reduce both installation and operation costs.

All Xicom products are supported by a global network of support and service. Our technical support is always there if you need it.

### Features

- ❖ Compact, Self-Contained Design
- ❖ Short Waveguide Run for Low Loss Operation
- ❖ Weatherized for -40°C to +50°C/+60°C Operation, No Shelter Required
- ❖ Low Cost Installation and Maintenance
- ❖ Low Operating Cost
- ❖ Internal Cooling, RF Filters and M&C Systems
- ❖ Power Factor Correction
- ❖ CE Certified
- ❖ Detected RF and Gain Control
- ❖ Serial Control
- ❖ 24/7 Technical Support
- ❖ Service Centers Worldwide

### Options

- ❖ Power Levels from 50W to 1250W
- ❖ Remote External Controllers
- ❖ C-, X-, Ku-, Ka-, Q-, DBS and Multi-Band Coverage
- ❖ 1:1, 1:2, and 1:N Redundancy
- ❖ Extended Frequency Coverage
- ❖ Integrated Linearizers
- ❖ Block Up-Converters (BUCs)

## Performance Specifications

Available with Optional Block Up-Converters and Linearizers

Model Number	Frequency Band	TWT Power (Watts)	Flange Power (Watts)	Dimensions L x W x H (Inches)	Weight (Lbs)
XTD-400C	C	400	350	20.5 x 11 x 10.3	55
XTD-750C	C	750	650	21.5 x 12.8 x 12	75
XTD-400X	X	400	350	20.5 x 11 x 10.3	55
XTD-750X	X	750	650	21 x 12.8 x 12	70
XTD-200K	Ku	200	175	15.8 x 9 x 8.7	35
XTD-400K	Ku	400	350	20.5 x 11 x 10.3	52
XTD-750K	Ku	750	650	21.5 x 12.8 x 12	70
XTD-1250KL	Ku	1250	500	21.5 x 12.8 x 12	85
XTD-2500KL	Ku	2500	1000	26 x 24 x 14.85	85
XTD-50DBS	DBS	50	43	15.8 x 9 x 8.7	34
XTD-270DBS	DBS	270	225	21.5 x 12.8 x 12.1	55
XTD-500DBS	DBS	500	415	21.5 x 12.8 x 12	70
XTD-750DBS	DBS	750	650	21.5 x 12.8 x 12	70
XTD-750DBSP	DBS	750	340	21.5 x 12.8 x 12	70
XTD-250KR	Reverse DBS	250	220	20 x 10.25 x 9.5	48
XTD-150Ka	Ka	150	125	20 x 10.8 x 10.3	48
XTD-175Ka	Ka	175	145	20 x 10.3 x 9.5	48
XTD-250KaL	Ka	250	100	20 x 10.3 x 9.5	48
XTD-250Ka	Ka	250	215	20 x 10.3 x 9.5	48
XTD-500Ka	Ka	500	435	22 x 10.3 x 9.5	58
XTD-80Q	Q	80	70	20 x 10.3 x 9.5	48
XTD-120Q	Q	120	100	20 x 10.3 x 9.5	48

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Amplifier Quality & Reliability Since 1991

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