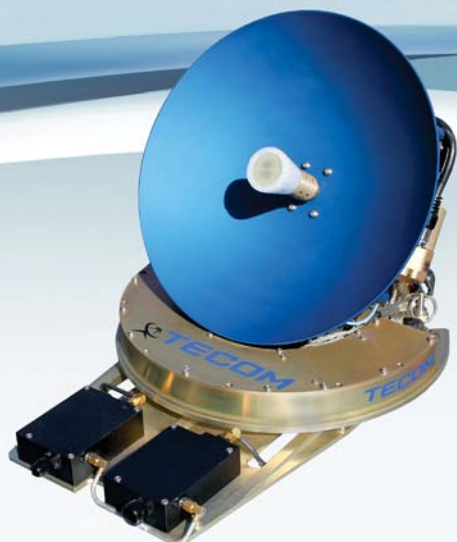


## KA/KU BAND TAILMOUNT SATCOM ANTENNA SYSTEM



- Industry leading pointing algorithm leveraging the KuStream®1000 airborne satellite connectivity solution
- Market leading EIRP utilizing highly efficient spatially combined power amplifiers
- Interchangeable Ku and Ka Band Antenna platforms (STAA only) for maximum flexibility
- Multi modem capability
- Broad frequency coverage for military and commercial use

PARAMETER	KA-BAND	KU-BAND
Operating Frequency	19.2 – 21.2 GHz RX Band 29.0 – 31.0 GHz TX Band	10.7 – 12.75 GHz RX Band 13.75 – 14.50 GHz
Polarization	Switchable LHCP/RHCP RX/TX	Linear, switchable VP/HP, TX orthogonal to RX
G/T	10.4 dB/k minimum	8.8 dB/K
EIRP	46.5 dBw Linear, 49.0 dBw PSAT	42.7 dBw
Axial Ratio	1.0 dB max TX, 1.5 dB max RX	
Azimuth Range of Motion	0 – 360 degrees Continuous Rotation	0 – 360 degrees Continuous Rotation
Elevation Range of Motion	0 – 90 degrees	0 – 90 degrees
Az/EI Velocity	> 30 deg/sec	> 30 degree/sec
Az/EI/Acceleration	> 30 deg/sec/sec	> 30 degree/sec/sec
Az/EI Position Resolution	0.0063 degrees	0.0063 degrees
Tracking Accuracy	< 0.2 degrees RMS	< 0.2 degrees RMS
DC Power	28 VDC, 400 watts max	28 VDC, 380 watts max
Weight - ACU	13 lbs. max	
Size – ACU	Standard ARINC 600 – 4 MCU Form Factor 7.62”H x 12.675” L x 4.88” W	
Weight - STAA	26 lbs. max	26.0 lbs. max
Size – STAA	13.2” H x 16.4” L x 9.3” W Swept volume – 12.0” Diameter	16.4” L x 9.3” W at base 13.2” H x 12.0” Swept Diameter