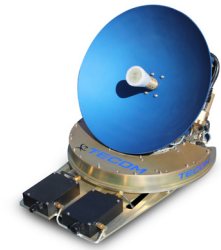


Technical Characteristics

Ka-Band

Operating Frequency	19.2–21.2 GHz RX Band 29.0–31.0 GHz TX Band
Polarization	Switchable LHCP/RHCP TX orthogonal to RX
G/T	10.4 dB/k minimum
EIRP	46.5 dBw Linear, 49.0 dBw PSAT
Axial Ratio	1.0 dB max TX, 1.5 dB max RX
Azimuth Range of Motion	0–360 degrees continuous rotation
Elevation Range of Motion	0–90 degrees
Az/EI Velocity	>30 degrees/sec/sec
Az/EI Acceleration	>30 degrees/sec/sec
Az/EI Position Resolution	0.0063 degrees
Tracking Accuracy	<0.2 degrees RMS
DC Power	28 VDC, 400W max
Weight - STAA	25 lbs. max
Size - STAA	13.2" H x 16.4" L x 9.3" W, swept volume 12.0" diameter



Antenna Control Unit (ACU)

Power	28 VDC, 17.0A max (10.0A nominal)
Dimensions	7.8 x 4.96 x 14.27 inches (H x W x L)
Weight	10.75 lbs. max

