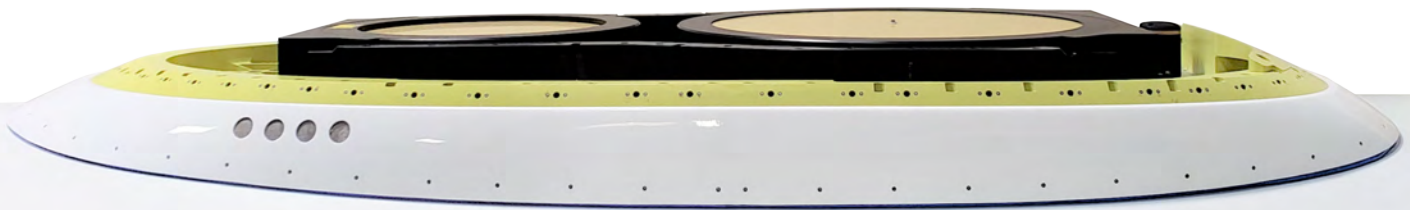


Take the Phased Array Challenge

We're so confident in our technology's capabilities that we invite you to compare us against electronically steered arrays using this table as a guideline.

Parameter/Characteristic	ThinKom Phased Arrays	ESA?
Number of Aircraft Installations	1,300+	?
Operational Flight Hours	13+ Million	?
Flight-Proven Reliability	100,000+ Hour MTBF	?
Antenna Size for: 18 dB/K G/T at Broadside 11 dB/K G/T at 75° Scan	25"D for Ka, 30"D for Ku	?
Minimum Elevation Angle	5° Elevation (85° Scan)	?
Supported Channel Bandwidths	350+ MHz for Ku 500+ MHz for Ka	?
High-Speed Beam Agility	Up to 1,000°/sec ²	?
LEO/MEO/GEO Interoperable	Yes (LEO and MEO tested)	?
Full FCC/ITU Frequency Coverage	3.5 GHz for Ka, 2 GHz for Ku	?
Highest Operational MODCOD	Up to 32APSK (> 4 bits/Hz)	?
Average Prime Power/Cooling	70W (excluding SSPA)	?



ThinKom

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