

Fixed VSAT Antennas Comparison

General Dynamics SATCOM Technologies provides a wide range of fixed VSAT antennas for transit/receive and receive only applications. Our antennas feature high antenna efficiency and durable, rugged SMC reflectors. Our fixed VSAT antennas are available in a variety of sizes (1.2M to 3.8M) and frequency bands (C through Ka) to fit your application.

VSAT Antennas	Series 1122	Series 1132	Series 1134	Series 2120	Series 3122	Series 1183	Series 1182	Series 1184	Series 1194
Positioning	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Antenna Diameter	1.2 Meters	1.2 Meters	1.2 Meters	1.2 Meters	1.2 Meters	1.8 Meters	1.8 Meters	1.8 Meters	1.8 Meters
Antenna Type	Offset, .6 F/D, Single piece	Offset, .8 F/D, Single piece	Offset, .8 F/D, Single piece	Offset, .8 F/D, Single piece	Offset, .8 F/D, Single piece	Offset, .6 F/D, Single piece	Offset, .6 F/D, Single piece	Offset, .6 F/D, Single piece	Offset, .8 F/D, Single piece
Az Travel	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 10° Fine Adjustment	360° Continuous	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 30° Fine Adjustment	360° Coarse, ± 30° Fine Adjustment
EI Travel	10°- 90° Continuous Fine Adjustment	10°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment
Frequency Bands	Ku Rx0, RxTx	Ku RxTx	Ku RxTx	Ku RxTx	Ka Rx0, RxTx	C & Ku Rx0, RxTx	C & Ku RxTx	C & Ku RxTx	Ku RxTx
Features	Lowest Cost 1.2m Model	Improved X-Pol Discrimination	Improved XPD - Tier 3 RF Capacity (20 lb)	High Wind (150 mi/hr)	Ka Band Performance	Lowest Cost 1.8m Model	Adds Fine Azimuth Adjustment	Tier 3 RF Capacity (20 lb)	Improved XPD - Tier 3 RF Capacity (20 lb)

VSAT Antennas	Series 2194	Series 3180	Series 1241	Series 1244	Series 2244	Series 3244	Series 1385	Series 1384	Series 2385
Positioning	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Antenna Diameter	1.8 Meters	1.8 Meters	2.4 Meters	2.4 Meters	2.4 Meters	2.4 Meters	3.8 Meters	3.8 Meters	3.8 Meters
Antenna Type	Offset, .8 F/D, Single piece	Offset, .8 F/D, Single piece	Offset, .8 F/D, 4-piece	Offset, .8 F/D, 4-piece	Offset, .8 F/D, 4-piece	Offset, .8 F/D, 4-piece	Offset, .6 F/D, 4-piece	Offset, .6 F/D, 4-piece	Offset, .6 F/D, 4-piece
Az Travel	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 10° Fine Adjustment	360° Coarse, ± 30° Fine Adjustment	360° Coarse, ± 30° Fine Adjustment	360° Coarse, ± 30° Fine Adjustment	360° Coarse, ± 35° Fine Adjustment	360° Coarse, ± 35° Fine Adjustment	360° Coarse, ± 35° Fine Adjustment
EI Travel	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	5°- 90° Continuous Fine Adjustment	12°- 90° Continuous Fine Adjustment	12°- 90° Continuous Fine Adjustment	12°- 90° Continuous Fine Adjustment
Frequency Bands	C & Ku RxTx	Ka Rx0, RxTX	C & Ku RxTx	C & Ku RxTx	C & Ku RxTx	Ka Rx0, RxTx	C & Ku RxTx	Ku RxTx	C & Ku RxTx
Features	High Wind (150 mi/hr)	Ka Band Performance	Lowest Cost Model High XPD	Tier 3 RF Capacity (20 lb) - High XPD	High Wind (150 mi/hr)	Ka Band Performance	Largest Offset Antenna for RxTx	Dual Optics for Improved XPD	High Wind (150 mi/hr)



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