



Satellite

ANTENNA SPECIFICATIONS

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Antenna Sizes: Nominal Solid Aluminum or Sectional	1.2 Meter	1.8 Meter	2.4 Meter	3.0 Meter	3.7 Meter	3.8 Meter	4.2 Meter	4.5 Meter	5 Meter
C Band Gain @ 4 GHZ	32.6 db	36.1 db	38.6 db	40.6 db	42.3 db	42.5 db	43.5 db	43.9 db	44.3 db
Ku Band Gain @ 12 GHZ	42.0 db	45.6 db	48.2 db	49.9 db	51.1 db	51.8 db	53.0 db	53.3 db	54.2 db
Beamwidth -3°db 4 GHZ	4°	2.8°	2.1°	1.7°	1.4°	1.4°	1.2°	1.1°	1.05°
Beamwidth -3°db 12 GHZ	1.4°	.95°	.7°	.55°	.48°	.48°	.4°	.35°	.33°
Isolation Port- Port db	35	35	35	35	35	35	35	35	35
Thickness	.050	.063	.085	.085	.085	.110	.110	.110	.110
Antenna Weight (one piece)	9 lbs	25 lbs	60 lbs	102 lbs	180 lbs	198 lbs	241 lbs	277 lbs	315 lbs
Antenna Weight (sectional)	N/A	N/A	71 lbs	110 lbs	4pc- 165 lbs 8pc- 192 lbs	214 lbs	281 lbs	317 lbs	355 lbs
Antenna Sections	N/A	N/A	4	4	4/Optional 8	4	8	8	8
Size Pre-Spun	48"	72"	96"	120"	148"	152"	168"	180"	192"
Size Post-Spun	46.25"	69.5"	94"	118"	142.25"	148"	167"	176"	187"
Depth	6"	13.25"	15"	22"	20.5"	23"	27"	32"	36.375"
Area	12.5 sq. ft.	28.3 sq. ft.	50 sq. ft.	78.5 sq. ft.	113 sq. ft.	121 sq. ft.	154 sq. ft.	171 sq. ft.	201 sq. ft.
Focal Length- F/D Ratio	22" - .45	22" - .3	36" - .375	36" - .3	57.6" - .4	57.6" - .38	57.6" - .34	57.6" - .33	57.6" - .3
Wind Load Survival	125 mph	125 mph	125 mph	125 mph	125 mph	125 mph	125 mph	125 mph	125 mph
Operational @ 4 GHZ	75 mph	75 mph	75 mph	75 mph	75 mph	75 mph	65 mph	65 mph	65 mph
Operational @ 12 GHZ	60 mph	60 mph	60 mph	60 mph	60 mph	60 mph	55 mph	55 mph	55 mph

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