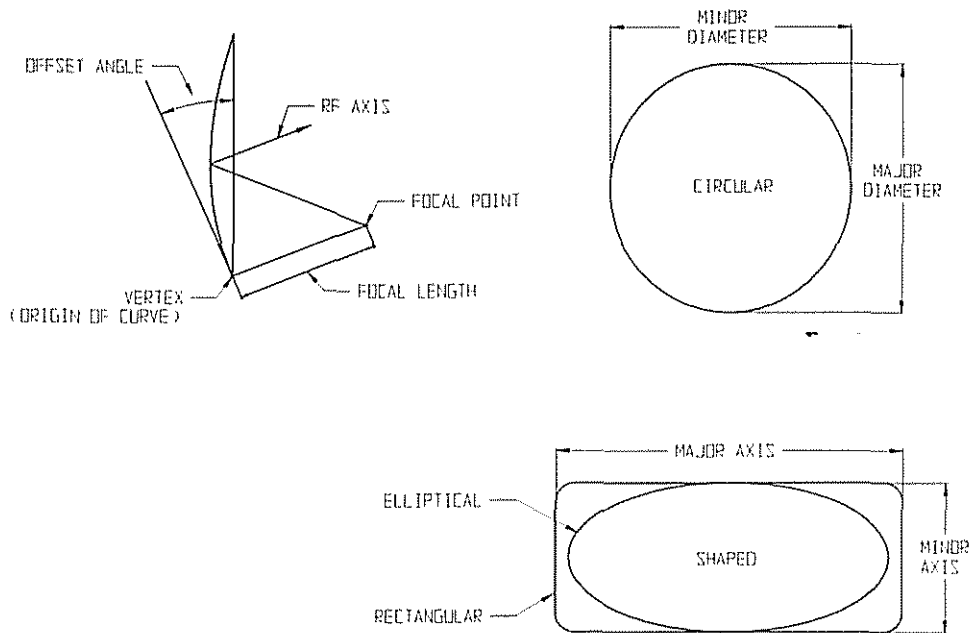


## OFFSET ANTENNA GEOMETRY



## CIRCULAR ANTENNAS

SIZE	MAJOR DIA	MINOR DIA	FOCAL LENGTH	OFFSET ANGLE	F/D
.46M	19.50	18.00	10.80	22.62°	.6
.60M	26.00	24.00	14.40	22.62°	.6
.76M	32.50	30.00	18.00	22.62°	.6
.92M	39.237	36.22	22.20	22.37°	.6
1.0M	43.333	40.00	24.00	22.62°	.6
1.2M	52.00	48.00	28.80	22.62°	.6
1.8M	76.594	70.866	43.20	22.30°	.6
2.4M	103.759	96.00	58.52	22.30°	.6
3.8M	162.50	150.00	90.00	22.62°	.6
.67M	26.38	25.34(26.38)*	21.02	16.10°	.83
.98M	38.60	37.08(38.60)*	32.00	16.15°	.83
1.2M	49.77	47.50	38.00	17.35°	.8
1.8M	74.65	71.25	57.00	17.35°	.8
2.4M	100.58	96.00	76.80	17.35°	.8

\*=The physical dimension is the same as the major diameter.

## SHAPED ANTENNAS

SIZE	MAJOR AXIS	MINOR AXIS	FOCAL LENGTH	OFFSET ANGLE
.47M ELLIP.	28.82	13.24	15.2	12.02°
.75M RECT.	39.75	17.59	21.60	11.29°
.95M ELLIP.	53.00	26.50	24.00	15.43°
1.0M RECT.	53.00	23.45	28.80	11.29°

All dimensions are in inches.