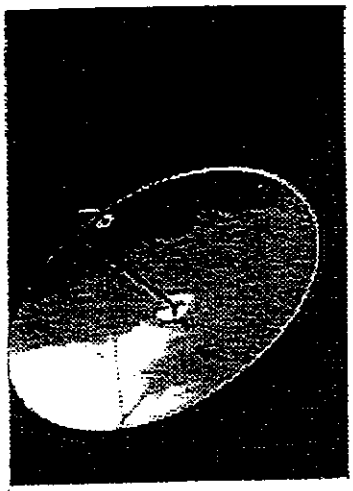
COMSAT RSI
Mark Antennas

PARABOLIC ANTENNA
P-57 SERIES
5.725-5.850 GHz



	P-57B24	P-57B48	P-57A72	P-57A96	P-57A120
SIZE (ft)	2	4	6	8	10
GAIN (midband)	29.0	34.7	38.2	40.8	42.5
HPBW (midband)	5.8	2.8	2.0	1.45	1.2
F/B RATIO	39	41	46	52	52
1ST SIDE LOBE	18	20	22	22	22
CROSS POL.	30	30	30	30	30
VSWR	1.15	1.15	1.10	1.08	1.06
POLARIZATION	Linear	Linear	Linear	Linear	Linear
CONNECTOR	CPR-137G	CPR-137G	CPR-137G	CPR-137G	CPR-137G
MOUNT O.D. (-1)	1.9-3.5	1.9-3.5	1.9-3.5	N/A	N/A
(-2)	4.5	4.5	4.5	4.5	4.5

Antenna used for Testing →

	P-57C24N	P-57B24N	P-57B48N	P-57A72N	P-57A96N
SIZE (ft)	2	2	4	6	8
GAIN (midband)	29.0	27.0	34.7	38.2	40.8
HPBW (midband)	5.8	5.5	2.8	2.0	1.45
F/B RATIO	39	41	41	46	52
1ST SIDE LOBE	18	10	20	22	22
CROSS POL.	30	30	30	30	30
VSWR	1.3	1.3	1.3	1.3	1.3
POLARIZATION	Linear	Linear	Linear	Linear	Linear
CONNECTOR	N	N	N	N	N
MOUNT O.D. (-1)	1.9-3.5	1.9-3.5	1.9-3.5	1.9-3.5	N/A
(-2)	4.5	4.5	4.5	4.5	4.5

	P-57A48D	P-57A48DN	P-57A72D	P-57A72DN	P-57A96D	P-57A96DN	P-57A120D
SIZE (ft)	4	4	6	6	8	8	10
GAIN (midband)	34.7	34.7	38.2	38.2	40.8	40.8	42.5
HPBW (midband)	2.8	2.8	2.0	2.0	1.45	1.45	1.2
F/B RATIO	41	41	46	46	52	52	52
1ST SIDE LOBE	20	20	22	22	22	22	22
CROSS POL.	30	30	30	30	30	30	30
VSWR	1.15	1.3	1.10	1.3	1.08	1.3	1.06
POLARIZATION	Dual	Dual	Dual	Dual	Dual	Dual	Dual
CONNECTOR	CPR-137G	N	CPR-137G	N	CPR-137G	N	CPR-137G
MOUNT O.D. (-1)	1.9-3.5	1.9-3.5	1.9-3.5	1.9-3.5	N/A	N/A	N/A
(-2)	4.5	4.5	4.5	4.5	4.5	4.5	4.5