

DISH ANTENNA

AD

MODEL	
AD	ANTENNA DISH

POLARIZATION	
A	LINEAR
R	RHCP
L	LHCP
D	DUAL PORT (LHCP & RHCP)
B	DUAL PORT (Horiz & Vertical)
X	Reflector Only

SIZE (Specify Diameter in Inches)	
14	14"
24	24"
30	30"
48	48"

USED FOR INTERNAL PURPOSES

GAIN (dBic)
(Based on Frequency and Dish Size)

BAND		14"	24"	30"	48"
L2	1.7 - 1.85 GHz	15	19	21	25
LS	1.7 - 2.5 GHz	15	20	22	26
S2	1.99 - 2.5 GHz	16	21	23	27
S3	2.4 - 2.7 GHz	16	22	23	27
S4	1.9 - 2.7 GHz	16	21	23	27
C2	4.4 - 5.0 GHz	22	27	29	33
C3	5.6 - 5.9 GHz	23	28	30	34
C4	3.0 - 3.6 GHz	19	24	26	30
C6	4.0 - 6.0 GHz	23	27	29	34
C7	5.1 - 5.4 GHz	23	28	30	34
C8	5.3 - 5.8 GHz	23	28	30	34
X1	6.4 - 7.2 GHz	31	36	37	42
X2	8.4 - 8.6 GHz	27	32	34	38
K1	12.7 - 13.2 GHz	31	36	38	42
XX	Reflector Only				
P1*	380 - 450 MHz	01	06	07	12
P2*	440 - 470 MHz	02	07	09	13
L1*	1.0 - 1.69 GHz	11	16	18	22
L3*	1.7 - 2.1 GHz	15	19	21	25
L4*	1.4 - 2.3 GHz	15	19	21	25
S1*	2.2 - 2.4 GHz	16	21	23	27
S5*	1.9 - 2.15 GHz	15	20	22	26
S6*	2.2 - 2.8 GHz	16	22	23	27
S7*	2.7 - 3.0 GHz	18	23	25	29
C1*	3.1 - 3.6 GHz	19	24	26	30
C5*	4.0 - 4.6 GHz	21	26	28	32
X3*	6.8 - 7.2 GHz	25	31	32	36
K2*	14.8 - 15.4 GHz	32	37	39	43
X9*	6.0 - 8.0 GHz	N/A	30	32	N/A

Gain based on mid band frequency

CONNECTOR	
N	TYPE "N"
S**	SMA

**For Dual Port Feeds Only

MATERIAL	
1	Spun Aluminum
2*	Fiber Glass
3*	Mesh
4	Grid
5	Feed Only

OPTIONS	
GMS has a large variety of Antenna Options. Please consult your sales engineer to select the best option for your application.	
XX	NONE
1*	Folding Mount Plate
2	Quick Release Feed
3	Bracket
4	Pole Mount

*Denotes Price Adjustment.
Contact Sales Engineer

SIZE	DATE	DWG NO	REV
A	08-27-03	100-MNI0015X4	X4
SCALE	NONE	SHEET	2 of 2