

# INFOSAT SATELLITE DISH



F050 / F055



VN45 / VN50 / VN55



V045 / V050 / V055

## SPECIFICATION

MODEL	G050	F050	F055	V045 VN45	V050 VN50	V055 VN55	F060	F070	F080	M100
TYPE	6 - PANELS			4 - SECTIONS 8 - PANELS			4 - SECTIONS 12 - PANELS		4 - SECTIONS 16 - PANELS	
MOUNT TYPE	FIXED			FIXED / MOVED						MOVED
FEED TYPE	PRIME FOCUS (QUADPODS)									
DIAMETER (cm)	150 (5')		165 (5.5')	137(4.5')	153(5')	165(5.5')	183(6')	213 (7')	230 (7.5')	305 (10')
FOCAL LENGTH (cm)	56	56	63	63	58.5	63	69	76.8	83	115
DEPTH (cm)	25	25	27	27	25	28	30	36.8	39.9	50
F/D RATIO	0.38						0.36		0.38	
REFLECTIVE MATERIAL	STEEL, 0.6 mm			ALUMINUM MESH, 0.9 mm						
OPERATING FREQUENCY (GHz)	3.40 – 12.75									
C-BAND GAIN (dBi)	35.20	35.20	35.5	35.20		35.5	36	36.5	38.5	41
Ku-BAND GAIN (dBi)	45	45	46	44.20		42	44.5	45.8	47	51
FINISHED COLOUR	POWDER COLOUR COATING									
STAND POLE	Ground Mount	0.8 m, $\phi$ 2"	1 m, $\phi$ 2"	0.7m, $\phi$ 2"	0.8m, $\phi$ 2"	1 m, $\phi$ 2"		1.2 m, $\phi$ 2"	1.5 m, $\phi$ 3"	1.8 m with 2 LEGS, $\phi$ 3.5"
N.W. Pole with LNBF Legs inside (Kg)	-			2.5		2.6		3.3	4.3	6.3
Antenna Carton N.W. (Kg) / G.W. (kg)	-			2.2 / 5		3.8 / 6	4.7 / 6	4.8 / 8.4	11.2 / 14.4	17.2 / 23
Mount Box N.W. (Kg) / G.W. (Kg)	-			3.5 / 3.8					5 / 5.5	19.3 / 21.8

\* Mount Box (Movable) N.W. (Kg) / G.W. (Kg) of M070 / M060 / X055 / X050 is 5.4 / 5.9, M080 is 14.5 / 15.5 .