

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		ANT TMP(K)	RECEIVE			G/T (dB/K)	Models
						Gain (dBi)	Isol (dB)		LNA TMP(K)	POL	Gain (dBi)		
ADVENT COMMUNICATIONS	IA046AA0	1.90	G	O	L	39.7	-20.0	72.49		L	36.4	13.2	K01-000011 (C- Band)
					R	39.6	-21.0			R	36.4	13.1	
	IA064A00	0.90	G	O	H	40.3	-37.0	72.70		H	37.7		90KMA (X02-110590) (K- Band)
					V	40.3	-37.0			V	37.7		
ADVENT COMMUNICATIONS	IA065A00	1.20	G	O	H	43.1	-35.0	66.81		H	40.8		120KMA (X02-108000) (K- Band)
					V	43.1	-35.0			V	40.8		
	IA066A00	1.50	K2 and G	O	H	45.2	-35.0	69.72		H	42.8	20.2	150KMA Antenna Model # X02-109095;
					V	45.2	-35.0			V	42.8	20.2	added new model # April 2001, X02-112341 (K- Band)
ANDREW CORPORATION	IA008A00	3.70	E2 and G	O	H	52.5	-43.0	56.00	80.00	V	50.9	29.6	ES37-124W; ES37MP-124W OR ES37MPJ-124W (K- Band)
	IA013A00	3.70	F1 and G	E	L	45.8	-27.8			L	41.8		ES37-CCP2, ES37D-CCP2, ES37MP-CCP2 OR ES37MPJ-CCP2) (C- Band)
					R	45.8	-27.8			R	41.8		
	IA015AA0	4.60	F1 and G	E	L	48.2	-27.8			L	44.4	24.5	SAME AS IA015A00 EXCEPT CCP2-24 (C- Band)
					R	48.2	-27.8			R	44.4	24.5	
	IA012A00	3.70	E2 and G	O	V	52.5	-44.9	56.00		H	50.9	29.3	ES37K-124W, ES37MPK-124, ES37MPJK-124W OR ES37-124WS (K- Band)
	IA015A00	4.60	F1 and G	E	L	48.2	-27.8	39.00		L	44.4	24.9	ES46, ES46MP OR ES46 MPJ (CCP2) (C- Band)
					R	48.2	-27.8			R	44.4	24.9	
	IA015B00	4.60	F1 and G	E	L	48.2	-28.8			L	44.4		ES46, ES46MP OR ES46MPJ CCP4 (C- Band)
					R	48.2	-27.8			R	44.4		
	IA014A00	3.70	F1 and G	O	L	45.8	-27.8	41.00		L	41.8	22.7	ES37K, ES37DK, ES37MPK, ES37MPJK-CCP2 OR ES37-CCP2S (C- Band)
					R	45.8	-27.8			R	41.8	22.7	
IA008B00	3.70	E2 and G	O	H	52.5	-43.0	77.00		H	50.9	29.5	ES37-4124W; ES37MP-4124W OR ES37MPJ-4124W (K- Band)	
				V	52.5	-43.0			V	50.9			
IA012B00	3.70	E1 and G	O	H	52.5		77.00		H	50.9	28.4	ES37K-4124W, ES37MPK-4124W, ES37MPJK-4124W OR ES37-4124WS (K- Band)	
				V	52.5	-44.9			V	50.9	28.4		
IA008BB0	3.70	E2 and G	O	H	52.5	-43.0	77.00		H	50.9	29.5	ES37-4124W-25; ES37MP-4124W-25 OR ES37MPJ-4124W-25 (K- Band)	
				V	52.5	-43.0			V	50.9	29.5		
IA008AB0	3.70	E2 and G	O	H	52.5	-43.0	56.00		V	50.9	30.2	ES37-124W-25; ES37MP-124W-25 OR ES37MPJ-124W-25 (K- Band)	

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		ANT TMP(K)	LNA TMP(K)	RECEIVE		G/T (dB/K)	Models	
						Gain (dBi)	Isol (dB)			POL	Gain (dBi)			
ANDREW CORPORATION	IA050A00	1.80	H2 and G	O	L	39.3	-20.0	28.00	55.00	L	35.6	16.4	62-18134-01L/R; 62-18139-01L/R; 62-18139-02L/R; 62-18334-01L/R; 62-18334-02L/R; 62-18339-01L/R; 62-18339-02L/R; 62-18334-01;62-18334-02;62-18339-01;62-18339-02 (C- Band)	
					R	39.4	-20.0			R	35.6	15.6		
	IA033AA0	2.40	E1 and G	O	H	48.5	-35.4	63.00		H	47.2	25.0		ESA 24K-1 (K- Band)
					V	48.5	-35.6			V	47.2	25.0		
	IA033A00	2.40	E1 and G	O	H	48.5	-35.4	63.00	87.00	H	47.2	25.4		ESA 24K-1 (K- Band)
					V	48.5	-35.6			V	47.2	25.4		
	IA032B00	7.30	F3 and G	O	L	51.6	-31.1	36.50	40.00	L	48.3	29.5		ES73-CCP4, ES73HS-CCP4 (C- Band)
					R	51.5	-34.6			R	48.3	29.5		
	IA032A00	7.30	F3 and G	O	L	51.6	-31.1	36.50	40.00	L	48.3	29.5		ES73-CCP2, ES73HS-CCP2 (C- Band)
					R	51.5	-34.6			R	48.3	29.5		
	IA027A00	1.80	K2 and G	O	H	46.4	-26.5	49.50		H	44.7	22.9		62-18156-01 SINGLE PIECE (K- Band)
					V	46.4				V	44.7	22.9		
	IA012BA0	3.70	E1 and G	O	H	52.6	-35.0	77.00		H	50.5	26.4		ES37K-4124W-24, ES37MPK-4124W-24, ES37MPJK-4124W-24 OR ES37-4124WS-24 (K- Band)
					V	52.6	-35.0			V	50.5	26.4		
	IA089B00	4.90	E2 and G	O	H	54.9	-31.0	78.00	90.00	H	52.8	30.5		ES49-4LPKU-1 ES49MP-4LPKU-1 ES49MPJ-4LPKU-1 (K- Band)
					V	54.9	-31.0			V	52.8	30.5		
IA027B00	1.80	K2 and G	O	H	46.4	-26.5	49.50		H	44.7	22.9	62-18356-01C (K- Band)		
				V	46.4				V	44.7	22.9			
IA021BA0	4.60	E2 and G	O	H	54.9	-35.0	70.00		H	52.4	30.3	ES46-4124W-24; ES46MP-4124W-24; ES46MPJ- 4124W-24 (K- Band)		
				V	54.5	-35.0			V	52.8	30.3			
IA057A00	2.40	E1 and G	O	H	48.9	-26.0	55.00		H	47.4	25.2	62-24356-01 (K- Band)		
				V	48.9	-26.0			V	47.4	25.2			
IA013AA0	3.70	F1 and G	E	L	45.8	-27.8			L	41.8	24.2	SAME AS IA013A00 EXCEPT CCP2-24 (C- Band)		
				R	45.8	-27.8			R	41.8	24.2			
IA021B00	4.60	E2 and G	O	H	54.5	-35.0	70.00		H	52.4	30.1	ES46-4124W; ES46MP--4124W; ES46MPJ-4124W (K- Band)		
				V	54.5	-35.0			V	52.4	30.1			
IA012BB0	3.70	E2 and G	O	H	52.6	-35.0	77.00		H	50.5	29.1	ES37K-4124W-25, ES37MPK-4124W-25, ES37MPJK-4124W-25 OR ES37-4124WS-25 (K- Band)		
				V	52.6	-35.0			V	50.5	29.1			
IA012AB0	3.70	E2 and G	O	H	52.5	-43.0	56.00		H	50.9	30.2	ES37K-124W-25, ES37MPK-124W-25, ES37MPJK-124W-25 OR ES37-124WS-25 (K- Band)		
				V	52.5	-43.0			V	50.9	30.2			

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		RECEIVE				Models	
						Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
ANDREW CORPORATION	IA012AA0	3.70	E1 and G	O	H V	52.5 52.5	-43.0	56.00		H	50.9	26.8	ES37K-124W-24, ES37MPK-124W-24, ES37MPJK-124W-24 OR ES37-124WS-24 (K-Band)
	IA051A00	2.40	H3 and G	O	L R	42.1 42.0	-18.5 -20.0	30.00	55.00	L R	38.0 38.1	18.6 18.7	62-24134-01L/R; 62-24139-01L/R or 62-24139-02L/R; 62-24334-01; 62-24334-02; 62-24339-01; 62-24339-02 (C- Band)
	IA089A00	4.90	E2 and G	O	H V	55.1 55.1	-34.0 -34.0	65.00	90.00	H V	53.3 53.3	31.3 31.3	ES49-2LPKU-1 ES49MP-2LPKU-1 ES49MPJ-2LPKU-1 (K- Band)
	IA082A00	4.90	F1 and G	O		49.00	50.00			L R	44.9 44.9		ES49-2CPNC-1 ES49MP-2CPNC-1 ES49MPJ-2CPNC-1 (C- Band)
	IA081B00	4.90	F1 and G	O	L R	48.2 48.2	-27.0 -27.0	49.00	50.00	L R	44.9 44.9		ES49-4CPNC-1 ES49MP-4CPNC-1 ES49MPJ-4CPNC-1 (C- Band)
	IA081A00	4.90	F1 and G	O	L R	48.2 48.2	-27.3 -27.3	49.00	50.00	L R	44.9 44.9		ES49-2CPNC-1 ES49MP-2CPNC-1 ES49MPJ-2CPNC-1 (C- Band)
	IA078A00	0.96	G	O	H V	41.3 41.3	-30.0 -30.0	80.80		H V	39.2 39.2		62-96052-01, 62-96052-11 or 62-96052-12 (LIGHT DUTY); 62-96056-01 (MEDIUM DUTY) (K- Band)
	IA077A00	1.20	G	O	H V	43.6 43.6	-29.0 -28.0	72.00		H V	41.3 41.3		62-12356-01, or 62-12356-11 or 62-12356-12 or 62-12356-12 (LIGHT DUTY); 62-12362-01 (MEDIUM DUTY); 62-12456-01 (HEAVY DUTY) (K- Band)
	IA057B00	2.40	K3 and G	O	H V	48.9 48.9	-26.0 -26.0	55.00	75.00	H V	47.4 47.4	26.3 26.3	62-24356-01C (K- Band)
	IA008BA0	3.70	E1 and G	O	H V	52.5 52.5	-43.0 -43.0	77.00		H V	50.9 50.9	26.8 26.8	ES37-4124W-24; ES37MP-4124W-24 OR ES37MPJ-4124W-24 (K- Band)
	IA021A00	4.60	E2 and G	O	H V	54.9 54.9	-35.0 -35.0			H V	52.8 52.8		ES46, ES46MP, ES46MPJ (124W-24) (K-Band)
	IA015BA0	4.60	F1 and G	E	L R	48.2 48.2	-27.8 -27.8			L R	44.4 44.4	24.0 24.0	SAME AS IA015B00 EXCEPT CCP4-24 (C-Band)

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		ANT TMP(K)	LNA TMP(K)	RECEIVE		G/T (dB/K)	Models
						Gain (dBi)	Isol (dB)			POL	Gain (dBi)		
ANDREW CORPORATION	IA021AA0	4.60	E2 and G	O	H V	54.9 54.9	-35.0 -35.0			H V	52.8 52.8	30.7 30.7	SAME AS IA021A00 EXCEPT 124W-24 (K-Band)
	IA014AA0	3.70	F1 and G	E	L R	45.8 45.8	-27.8 -27.8			L R	41.8 41.8	24.2 24.2	ES37K-CCP2-24, ES37MPK-CCP2-24, ES37MPJK-CCP2-24 OR ES37DK-CCP2-24 OR ES37-CCP2S-24 (C- Band)
	IA008AA0	3.70	E1 and G	O	H	52.5	-43.0	56.00		V	50.9	26.8	ES37-124W-24;ES37MP-124W-24 OR ES37MPJ-124W-24 (K- Band)
ANDREW/ TELESPACE	IA002A00	7.30	F1 and G	E	L R	50.8 50.7	-29.0 -29.0			L R	47.9 48.1		730-TSA-4/6-C (C- Band)
AT & T TRIDOM	IA017AAA	2.44	H2 and G	O	L R	40.8 41.7	-20.5 -19.5			L R	38.1 38.1	17.7 17.7	SAME AS IA011A00 (PRODELIN) (C- Band)
AZURE SHINE INTERNATIONAL	IA112A00	0.75	G	O	H V	39.6 39.6	-22.0 -22.0	41.00	70.00	H V	38.0 38.1	17.3 17.3	AZ-75VT Antenna AZ-KU-05TR Feed (K-Band)
	IA113A00	0.90	G	O	H V	41.1 41.0	-23.0 -24.9	41.00	70.00	H V	39.7 39.6	18.8 18.8	AZ-90VT Antenna AZ-KU-05TR Feed (K-Band)
	IA114A00	1.20	K2 and G	O	H V	43.6 43.6	-25.2 -26.2	38.00	70.00	H V	42.2 42.1	21.6 21.6	AZ-120VT Antenna AZ-KU-05TR Feed (K-Band)
CANTV	IA037AAA	2.44	G	C	L R	41.5 41.5	-24.1 -25.7			L R	38.1 38.1	18.5 18.5	SAME AS IA022A00 (C- Band)
COMSAT RSI	IA025A00	5.50	F1 and G	E	L R	48.6 48.2	-27.0 -27.0	64.00		L R	45.6 45.5	25.5 25.5	551CF (C- Band)
CONTEL ASC	IA001AAA	1.80x 1.20	G	O	L R	35.8 35.8	-17.7 -27.8			L R		12.0 12.0	C201F (C- Band)
CONTINENTAL MICROWAVE	IA030AAA	1.80x 1.50	K2 and G	O	H V	45.9 45.9	-35.0 -35.0	80.00		H V	43.6 43.6	21.6 21.6	SNG-140T (K- Band)
	IA039AAA	1.80x 1.50	G	O	L R	38.7 38.7	-18.8 -19.2	80.00		L R	33.4 33.6	10.2 10.2	SNG-60T (C- Band)
	IA049AAA	1.00	G	O	H V	42.2 42.2	-31.0 -31.0	72.00		H V	40.1 40.1	16.6 16.6	DST-140 (K- Band)

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)		Standard	Status	TRANSMIT			RECEIVE				Models	
						POL	Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
ELECTROSPACE CORPORATION	IA028AAA	2.67x	2.16	G	C	L	41.4	-19.9			L	37.5	16.3	TROJAN SPIRIT II 66AS-1 (C- Band)
						R	41.5	-19.8			R	37.6	16.3	
	IA029AAA	2.67x	2.16	K3 and G	C	H	48.6	-26.2	43.00		H	47.0	26.5	TROJAN SPIRIT II 66AS-1 (K- Band)
						V	48.7				V	46.8	26.0	
ERA TECHNOLOGY	IA034A00	1.50x	1.50	K2 and G	O	H	45.5	-35.0	50.00		H	43.2		15 Ku-Bxx-Fyy, single- Piece (K- Band)
						V	45.5	-35.0			V	43.2		
	IA038A00	1.50x	1.50	K2 and G	O	H	45.5	-35.0	50.00		H	43.2		15 KuS-Mxx-Fyy, single- Piece (K- Band)
						V	45.5	-35.0			V	43.2		
GLOBAL SATCOM TECHNOLOGY	IA085AA0	2.70x	2.40	H3 and G	O	L	41.8	-21.1	43.00	35.00	L	38.5	19.6	GST24FC-35 (C- Band)
						R	41.8	-21.1			R	38.5	19.6	
	IA085A00	2.70x	2.40	H3 and G	O	L	41.8	-21.1	43.00	35.00	L	38.5		GST24FC (C- Band)
						R	41.8	-21.1			R	38.5		
	IA088A00	2.70x	2.40	K3 and G	O	H	49.1	-28.7	64.00	85.00	H	47.7		GST24TK (K- Band)
						V	49.1	-28.7			V	47.7		
	IA086A00	2.70x	2.40	H3 and G	O	L	41.6	-19.9	44.00	35.00	L	38.5	19.5	GST24TC-35 (C- Band)
						R	41.6	-19.9			R	38.5	19.5	
	IA086AA0	2.70x	2.40	H3 and G	O	L	41.6	-19.9	44.00	35.00	L	38.5		GST24TC-35 (C- Band)
						R	41.6	-19.9			R	38.5		
	IA087A00	2.70x	2.40	K3 and G	O	H	48.9	-26.0	55.00	85.00	H	47.8		GST24FK (K- Band)
						V	48.9	-26.0			V	47.8		
	IA088AAA	2.70x	2.40	K3 and G	O	H	49.1	-28.7	64.00	85.00	H	47.7	26.0	GST24TK-85-L1 (K- Band)
						V	49.1	-28.7			V	47.7	26.0	
IA088AA0	2.70x	2.40	K3 and G	O	H	49.1	-28.7	64.00	85.00	H	47.7	26.0	GST24TK-85 (K- Band)	
					V	49.1	-28.7			V	47.7	26.0		
IA087AAA	2.70x	2.40	K3 and G	O	H	48.9	-26.0	55.00	85.00	H	47.8	26.3	GST24FK-85-L1 OR GST24FK-85-H1 (K- Band)	
					V	48.9	-26.0			V	47.8	26.3		
IA087AA0	2.70x	2.40	K3 and G	O	H	48.9	-26.0	55.00	85.00	H	47.8	26.3	GST24FK-85 (K- Band)	
					V	48.9	-26.0			V	47.8	26.3		
IA086AAA	2.70x	2.40	H3 and G	O	L	41.6	-19.9	44.00	35.00	L	38.5	19.6	GST24TC (C- Band)	
					R	41.6	-19.9			R	38.5	19.6		
IA085AAA	2.70x	2.40	H3 and G	O	L	41.8	-21.1	43.00	35.00	L	38.5	19.6	GST24FC-35-H1 OR GST24FC-35-L1 (C- Band)	
					R	41.8	-21.1			R	38.5	19.6		
GLOBAL SATCOM TECHNOLOGY, INC.	IA107A00	1.93x	1.83	K3 and G	O	H	46.5		35.00	80.00	H	44.5		GST18FK (K- Band)
						V	46.5				V	44.5		
	IA108A00	1.93x	1.83	K3 and G	O	H	46.5		35.00	80.00	H	44.5		GST18FK (K- Band)
						V	46.5				V	44.5		

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		RECEIVE				Models	
						Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
HARRIS CORPORATION GCSD	IA095AA0	2.49	E1 and G	O	H V	49.8 49.8	-31.3 -36.0	73.00	65.00	H V	47.0 46.8	25.7 25.7	3073340-101 EQUIPPED WITH LNA MODEL NUMBER 2012361-003 (K- Band)
	IA111AA0	4.90	E2 and G	O	H V	54.8 54.8	-33.4 -36.1	49.00	50.00	H V	53.3 53.4	32.0 32.0	3138748-101 (K- Band)
	IA110AA0	4.90	F1 and G	O	H V	47.0 47.1	-30.6 -29.6	49.00	50.00	H V	43.8 43.9	23.8 23.8	3138748-101 (C- Band)
	IA109AA0	4.90	F1 and G	O	L R	47.0 47.0	-27.4 -27.4	49.00	50.00	L R	43.8 43.8	24.3 24.3	3138748-101 (C- Band)
HIGH GAIN ANTENNA CO.	IA102A00	1.87	H2 and G	O	L R	39.7 39.7	-19.7 -19.7	53.00	35.00	L R	35.7 35.7	16.1 16.1	HGOS-1.8C (C- Band)
	IA103A00	1.87	K3 and G	O	H V	47.1 47.1	-34.0 -34.0	35.00	80.00	H V	45.0 45.0	24.0 24.0	HGOS-1.8KU (K- Band)
	IA104A00	1.20	K2 and G	O	H V	43.1 43.1	-35.0 -35.0	50.00	80.00	H V	41.4 41.4	19.8 19.8	HGOS-1.2KU (K- Band)
HUGHES NETWORK SYSTEMS	IA010AAA	1.80	G	O	L R	39.1 39.2	-20.0 -19.5			L R	35.4 35.4	14.4 14.4	SAME AS IA010A00 (PRODELIN) (C- Band)
	IA005AA0	1.80	G	O	H V	46.5 46.3	-26.5 -26.8			H V	44.2 44.2	18.2 18.2	SAME AS IA005A00 (PRODELIN) (K- Band)
	IA007AA0	2.44	G	R	V	48.9	-21.0			H		21.3	SAME AS IA007A00 (PRODELIN) (K- Band)
	IA010CAA	1.80	G	O	L R	39.1 39.2	-20.0 -19.5			L R	35.4 35.4	14.4 14.4	SAME AS PRODELIN IA010C00 (NEW FEED) (C- Band)
	IA011AAA	2.44	H3 and G	O	L R	40.8 41.7	-20.5 -19.5			L R	38.1 38.1	18.5 18.5	SAME AS IA011A00 (PRODELIN) (C- Band)
	IA010BBB	1.80	G	O	L R	39.1 39.2	-20.0 -19.5			L R	35.4 35.4		SAME AS IA010B00 (PRODELIN) (C- Band)
	IA022ABA	2.44	H3 and G	O	L R	41.5 41.5	-20.1 -18.9	50.00		L R	38.1 38.1	18.5 18.5	SAME AS IA022A00 (PRODELIN) (C- Band)
	IA040AAA	3.80	F1 and G	O	L R	45.8 45.7	-28.0 -28.0	33.00		L R	42.4 42.2	23.9 23.7	PRODELIN MODEL 1381 (SAME AS IA031A00) (C- Band)
	IA011CAA	2.44	H2 and G	O	L R	40.8 41.7	-20.5 -19.5			L R	38.1 38.1	17.5 17.5	SAME AS IA011A00 (PRODELIN) (C- Band)
	IA022AAA	2.44	H2 and G	O	L R	41.5 41.5	-20.1 -18.9			L R	38.1 38.1	17.5 17.5	SAME AS IA022A00 (PRODELIN) (C- Band)
IA016AA0	1.80	G	R						H	44.2	23.5	SAME AS IA005A00 (PRODELIN) (K- Band)	

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		RECEIVE				Models	
						Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
HUGHES NETWORK SYSTEMS	IA010BAA	1.80	G	O	L	39.1	-20.0			L	35.4	14.4	SAME AS IA010B00 (PRODELIN) (C- Band)
					R	39.2	-19.5			R	35.4	14.4	
	IA016AAA	1.80	G	R	V	46.3	-33.5			H	44.2	23.5	SAME AS IA005A00 (PRODELIN) (K- Band)
ITT INDUSTRIES	IA068AAA	4.60	F1 and G	E	L	48.2	-27.8	39.00		L	44.4	25.9	ANDREW CORPORATION IA015A00 (C- Band)
					R	48.2	-27.8			R	44.4	25.9	
	IA071AAA	2.40	E1 and G	O	H	48.6	-31.0	42.50		H	46.6	26.3	SAME AS IA041A00 (K- Band)
					V	48.6	-31.0			V	46.6	26.3	
	IA075AAA	3.80	F1 and G	O	L	45.8	-28.0	33.00	32.00	L	42.4	24.3	IA031A00 (C- Band)
					R	45.7	-28.0			R	42.2	24.1	
IA076AAA	2.40	H3 and G	O	L	41.8	-18.0	51.70		L	38.2	19.0	IA042A00 (C- Band)	
				R	41.8	-18.0			R	38.2	19.0		
IA080AAA	3.80	E2 and G	O	H	52.4	-30.8	36.00	65.00	H	50.9	30.2	5854-38KU BASED ON ANTENNA MODEL IA060A00 (K- Band)	
				V	52.3	-30.3			V	50.7	30.3		
IA079AAA	3.70	E2 and G	O	V	52.5	-44.9	56.00	63.00	H	50.9	29.3	ia012a00 (K- Band)	
L-3 COMMUNICATIONS WEST	IA105AAA	2.40	H3 and G	O	L	41.9	-26.2			L	38.0	18.8	8154764 (C- Band)
					R	41.9	-26.7			R	38.1	18.8	
IA106AAA	2.40	E1 and G	O	H	49.0	-32.2			H	46.6	25.7	8154764 (K- Band)	
				V	49.1	-30.3			V	46.5	25.7		
L-3 SATELLITE NETWORKS DIVISION	IA096AA0	2.40	H3 and G	O	L	42.3	-20.2	38.00	40.00	L	38.6	20.1	EQUIPPED WITH LNA MODEL NUMBER FT4-25L/600 (C- Band)
					R	42.1	-20.2			R	38.6	20.1	
LORAL	IA018AA0	3.30	E1 and G	E	V	50.8	-30.2			H	49.1		W001348-01 (K- Band)
					V	50.6	-30.2			H	49.1	26.1	
MARCONI/ SIEMENS	IA004AAA	5.60x 2.80	E1 and G	E	H	52.6				H		27.6	5.6X2.8M D.P.S. (K- Band)
					V	52.6	-32.6			V		27.6	
NEC CORPORATION	IA009AAA	6.00	G	E	L	47.2	-30.6			L	44.8	26.3	NEC 6.0M (C- Band)
					R	47.2	-30.6			R	44.8	26.3	
IA067A00	1.80	K2 and G	O	H	46.6	-28.2	63.67		H	44.3	22.2	AES-KU18XA-21A (K- Band)	
				V	46.9	-26.7			V	44.0	22.2		
NERA	IA006AAA	1.80	K2 and G	O	H	47.0	-33.0			H		21.8	1.8M OFFSET (K- Band)
					V	47.0	-33.0						
	IA003AA0	3.30	E1 and G	E	V	51.6	-36.0			H		26.4	3.3M OFFSET (K- Band)
IA006ABB	1.80	K2 and G	O	H	47.0	-33.0			V		22.3	1.8M OFFSET (K- Band)	
					V	47.0	-33.0						

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		RECEIVE				Models	
						Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
NEWTEC CY	IA036AAA	2.44	H3 and G	O	L R	41.5 41.5	-24.1 -25.7			L R	38.1 38.1	19.2 19.2	SAME AS IA022A00 (C- Band)
NWIEE	IA054A00	3.70	F1 and G	O	L R	45.4 45.4	-27.8 -27.8	42.00	40.00	L R	42.2 42.2	23.2 23.2	C37T ESC37T-2CPNC-1 (ANDREW'S private label model number) (C- Band)
	IA055A00	2.40	H3 and G	O	H V	41.1 42.0	-27.0 -29.0	43.00	50.00	H V	38.5 38.8	18.7 18.9	C24T-linearly Polarized (C- Band)
	IA056A00	4.50	F1 and G	O	L R	47.5 47.4	-28.2 -29.1	40.00	40.00	L R	44.2 44.0	25.2 25.2	C45T (C- Band)
PAGE EUROPA, ITALY S.P.A.	IA090A00	4.80	E2 and G	O	H V	55.3 55.2	-36.0 -36.0	64.00	90.00	H V	53.8 53.8	32.0 32.0	825-2020-001 This is a tri-fold, trailer-mounted antenna. (K- Band)
PATRIOT ANTENNA SYSTEMS INC.	IA083A00	1.20	K2 and G	O	H V	43.3 43.3	-27.0 -27.0	58.00		H V	41.3 41.3		TXINT-120KU (K- Band)
	IA084A00	1.00	G	O	H V	41.7 41.7	-26.2 -26.2	61.00		H V	39.4 39.4		TXINT-100KU (K- Band)
	IA101A00	1.80	H2 and G	O	L R	40.2 40.2	-18.6 -18.6	50.00	35.00	L R	36.2 36.2	17.0 17.0	TX-INT-180C (C- Band)
	IA091A00	1.80	K3 and G	O	H V	46.2 46.2	-26.0 -26.0	74.00	56.00	H V	44.6 44.6		TXINT-180KU (K- Band)
PRODELIN CORPORATION	IA005A00	1.80	K2 and G	O	H V	46.5 46.3	-26.5 -26.8			H V	44.2 44.2		1184-110, 111, 131, 133, 240, 241, 250, 251, 300, 301, 320, 321, 334, 335, 360, 361, 500, 501 (K- Band)
	IA010C00	1.80	H2 and G	O	L R	39.1 39.2	-20.0 -19.5			L R	35.4 35.4		SAME AS PRODELIN IA010A00 (W/ NEW FEED); ALSO MODELS 1185-420 AND 1185-480 WITH MOTORIZABLE MOUNT. (C- Band)
	IA010A00	1.80	H2 and G	O	L R	39.1 39.2	-20.0 -19.5			L R	35.4 35.4		1184-281, 283, 425, 480 (C- Band)
	IA011B00	2.44	H3 and G	O	L R	40.8 41.7	-20.5 -19.5	35.00	50.00	L R	38.1 38.1	18.8 18.8	1245-281, 283, 1246-420, 480, 530 (C- Band)
	IA010B00	1.80	H2 and G	O	L R	39.1 39.2	-20.0 -19.5			L R	35.4 35.4		SAME AS IA010A00 (NEW FEED) (C- Band)

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		RECEIVE				Models	
						Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
PRODELIN CORPORATION	IA044A00	1.80	H2 and G	O	L R	38.9 38.9	-18.0 -18.0	48.00	40.00	L R	35.4 35.4	15.9 15.9	1189-420-L/R, 1189-480-L/R, (C-BAND) AND 1189-770, 1189-800 (C/KU-BAND) (C-Band)
	IA043A00	1.80	K2 and G	O	H V	45.1 45.1	-27.0 -28.0	48.00		H V	43.1 43.1	21.4 21.4	1189-110, 1189-350, 1189-500 (KU-BAND) AND 1189-770, 1189-800 (C/KU-BAND) (K- Band)
	IA042A00	2.40	H3 and G	O	L R	41.8 41.8	-18.0 -18.0	51.70	40.00	L R	38.2 38.2	18.6 18.6	1244-281-L/R, 1244-286-L/R, 1244-425-L/R, 1244-426-L/R, 1244-428-L/R, 1244-485-L/R, 1244-486-L/R, 1244-488-L/R. ALSO 1256-420, 421, 423, 480, 481, 483 L/R AND 1256-933F. (C- Band)
	IA041A00	2.40	E1 and G	O	H V	48.6 48.6	-31.0 -31.0	42.50	90.00	H V	46.6 46.6	25.5 25.5	1244-140, 141, 143, 231, 233 , 236, 238, 371, 371-1, 373, 373-1 ,930, 931, 932, 933, 960, 961, 963 ALSO 1256-930 ,931, 933 AND 1256-933F (K-Band)
	IA035A00	2.40	G	E	H V	48.9 48.7	-31.3 -31.3	47.50		H V	47.4 47.3		1257 (K- Band)
	IA031AA0	3.80	F1 and G	O	L R	45.8 45.7	-28.0 -28.0	33.00		L R	42.4 42.2	23.9 23.8	1381-XXX, 1382-XXX OR 1383-XXX; ALSO 1389-933 AND 1389-933-F: SAME AS IA031A00 (C- Band)
	IA031A00	3.80	F1 and G	O	L R	45.8 45.7	-28.0 -28.0	33.00	50.00	L R	42.4 42.2	23.1 23.1	1381, 1382 OR 1383 WITH SUFFIXES -285-L/R, -381-L/R, -383-L/R, -425-L/R, -426-L/R, -428-L/R, -480-L/R, -481-L/R, -483-L/R, -520-L/R, -521-L/R, -523-L/R, 545L/R, -580-L/R, -581-L/R, -583-L/R; ALSO 1389-933 AND 1389-933-F (C- Band)

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		ANT TMP(K)	RECEIVE		G/T (dB/K)	Models	
						Gain (dBi)	Isol (dB)		LNA TMP(K)	POL			Gain (dBi)
PRODELIN CORPORATION	IA022A00	2.44	H3 and G	O	L	41.5	-24.1	50.00	40.00	L	38.1	1251 OR 1255-283 L/R; 1255-285 L/R, 286 L/R; 1251 OR 1257-422 L/R, 425 L/R ,428 L/R, 485 L/R, 486 L/R, 487 L/R, 530 L/R, 690L/R , 692L/R, 693L/R (C- Band)	
					R	41.5	-25.7			R	38.1		
	IA011A00	2.44	H3 and G	O	L	40.8	-20.5	35.00	50.00	L	38.1		1245-281, 283, 1246-420, 480 (C- Band)
					R	41.7	-19.5			R	38.1		
	IA060A00	3.80	E2 and G	O	H	52.4	-30.8			H	50.9		1388-350,1388-351,1388-353,1388-508,1388-950,1388-951, 1388-953, 1389-930 and 1389-933F (K- Band)
					V	52.3	-30.3			V	50.7		
	IA045A00	1.20	K2 and G	O	H	42.4	-30.8	54.70		H	40.3		
V					42.4	-31.0	V			40.3			
IA011C00	2.44	H3 and G	O	L	40.8	-20.5	35.00	45.00	L	38.1	1245-281, 283, 1246-420, 480 (C- Band)		
				R	41.7	-19.5			R	38.1			
IA007A00	2.44	G	R	V	48.9	-21.0			H	47.2	1245-131, 133, 240 (K- Band)		
SATELLITE TRANS SYSTEMS	IA023AA0	4.60	F1 and G	O	L	48.2	-27.8			L	44.4	SAME AS IA015A00 (ANDREW) (C- Band)	
					R	48.2	-27.8			R	44.4		
SCIENTIFIC ATLANTA	IA019AAA	4.50	G	E	L	46.9	-31.2			L		SERIES 8345 4.5M (C- Band)	
					R	46.2	-28.0			R			
IA020AAA	6.15	G	E	L	50.0	-30.2			L		SERIES 8060 6.1M (C- Band)		
				R	48.9	-29.5			R				
SSE TECHNOLOGIES	IA047AAA	1.80	K2 and G	O	H	45.1	-27.0	48.00		H	43.1	PT1.8K-100 (KU-BAND); PT1.8T(KU/C-BAND); DDT1.8K-100 (KU-BAND) **; DDT1.8T(KU/C-BAND)** (**=U.S. MILITARY) (K- Band)	
					V	45.1	-28.0			V	43.1		
IA048AAA	1.80	H2 and G	O	L	38.9	-18.0	48.00		L	35.4	PT1.8C-100(C-BAND); PT1.8T(C/KU-BAND); DDT1.8C-100(C-BAND)**; DDT1.8T-100(C/KU-BAND)** (** =		
				R	38.9	-18.0			R	35.4			
SWE-DISH SATELLITE SYSTEMS AB	IA097AA0	0.90x 0.66	G	O	H	38.1	-30.2			H	37.1	ANTENNA 102556; OMT 102620 (K- Band)	
					V	38.2	-30.1			V	37.4		

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		RECEIVE				Models	
						Gain (dBi)	Isol (dB)	ANT TMP(K)	LNA TMP(K)	POL	Gain (dBi)		G/T (dB/K)
VERTEXRSI	IA024A00	4.50	G	E	L	47.1	-27.5			L	43.5		4.5M KPC (C- Band)
					R	47.1	-27.5			R	43.5		
	IA052A00	3.80	F1 and G	O	L	45.7	-27.5	40.00	35.00	L	42.0	23.2	3.8DPC-1744H (C- Band)
					R	45.7	-28.0			R	41.9	23.1	
	IA053A00	3.80	E2 and G	O	H	52.8	-32.9	38.00		H	50.9	29.2	3.8DPK-2119C (K- Band)
					V	52.8	-35.0			V	51.0	29.2	
	IA058A00	2.40	H3 and G	O	L	41.6	-18.5	34.00	50.00	L	37.9	18.6	2.4m DPVC-2189F (C- Band)
					R	41.6	-20.9			R	37.9	18.6	
	IA062A00	4.80	E2 and G	O	H	54.9	-37.8	52.16		H	52.9	31.1	4.8KPK-2019E (K- Band)
					V	54.9	-35.7			V	52.9	31.1	
	IA063A00	1.50	K2 and G	O	H	45.8	-33.6	57.70		H	43.6	21.6	1.5 SMK-2123D or 1.5 SMK-LT-2123D or 1.5 SMK- LT-2123E (K- Band)
					V	45.8	-33.8			V	43.6	21.6	
	IA070A00	6.30	E2 and G	O	H	57.2	-32.5	66.60		H	54.9	32.8	6.3 KPK-2723 (K- Band)
					V	57.3	-36.0			V	55.0	32.8	
	IA072A00	2.40	H3 and G	O	L	41.9	-27.5	44.00	46.00	L	38.1	18.6	2.4SFC-2712C 2.4SFC-LT-2712C (C- Band)
					R	41.9	-28.6			R	38.1	18.6	
	IA100A00	2.40	E1 and G	O	H	49.0	-32.2	73.70	65.00	H	46.6		2.4SMK-LT-1575i (K- Band)
					V	49.1	-30.3			V	46.5		
	IA099A00	2.40	H3 and G	O	H	41.9	-27.0	41.40	53.00	H	38.3		2.4SMC-LT-2837B (C- Band)
					V	41.9	-29.2			V	38.3		
IA098A00	2.40	H3 and G	O	L	41.9	-26.2	51.60	35.00	L	38.1		2.4SMC-2712C (C- Band)	
				R	41.9	-26.8			R	38.0			
IA094B00	2.40	H3 and G	O	L	41.6	-18.1	49.00	35.00	L	38.0	18.8	2.4SFC-3013B 2.4SFC-LT-3013B (C- Band)	
				R	41.6	-18.0			R	37.9	18.8		
IA094A00	2.40	H3 and G	O	H	41.6	-39.6	48.00	35.00	H	37.9	18.7	2.4 SFC-3013C 2.4SFC-LT-3013C (C- Band)	
				V	41.6	-39.6			V	37.9	18.7		
IA074A00	2.40	E1 and G	O	H	48.9	-34.3	52.20	78.00	H	46.5	25.5	2.4SFK-1575I (K- Band)	
				V	48.9	-35.4			V	46.6	25.5		
IA073A00	2.40	H3 and G	O	H	41.7	-30.7	42.40	53.00	H	38.2	18.4	2.4SFC-2837B 2.4SFC-LT-2837B (C- Band)	
				V	41.8	-30.0			V	38.2	18.4		
IA069A00	6.30	F2 and G	O	L	50.5	-30.8	40.40	46.00	L	46.5	27.5	6.3 KPC-2121 (C- Band)	
				R	50.5	-30.9			R	46.5	27.5		
IA061A00	4.80	F1 and G	O	L	47.9	-32.1	57.30	46.00	L	44.1	24.2	4.8KPC-2635B, 4.8KPC-2635B-HW (C- Band)	
				R	47.9	-30.0			R	44.2	24.2		
IA059A00	2.40	E1 and G	O	H	48.9	-35.0	47.50		H	47.0	25.3	2.4m DPVK-1634F (K- Band)	
				V	48.7	-38.3			V	47.1	25.3		
IA052B00	3.80	F1 and G	O	L	45.6	-27.5	40.00	35.00	L	42.0	23.2	3.8DPC-1977C (C- Band)	
				R	45.5	-28.0			R	42.1	23.3		

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted

INTELSAT TYPE APPROVED ANTENNAS AND MANUFACTURERS

(C and Ku - Band, Sorted by Manufacturers)

Manufacturer	INTELSAT Approved Code	Diameter (m)	Standard	Status	POL	TRANSMIT		ANT TMP(K)	LNA TMP(K)	RECEIVE		G/T (dB/K)	Models
						Gain (dBi)	Isol (dB)			POL	Gain (dBi)		
VIASAT SATELLITE NETWORKS INC.	IA026AA0	4.50	F1 and G	O	L R	46.6 46.6	-27.3 -27.8	32.70		L R	43.2 43.2	24.2 24.2	8345 25 July 2003: added revised feed
	IA026A00	4.50	F1 and G	O	L R	46.6 46.6	-27.3 -27.8	32.70		L R	43.2 43.2	24.0 24.0	8345 25 July 2003: added revised feed part #519073A. (C- Band)
	IA026ABA	4.50	F1 and G	C	L R	46.6 46.6	-27.3 -27.8	32.70		L R	43.2 43.2	23.6 23.6	8345 (C- Band) part #519073A. (C- Band)
VICTORY INDUSTRIAL CORP.	IA092A00	0.96	G	O	H V	40.2 40.2	-27.0 -26.0	72.00	56.00	H V	38.7 38.8		6351A000-1 (K- Band)
	IA093A00	1.20	G	O	H V	42.2 42.2	-31.0 -29.0	62.00		H V	40.1 40.2		6406B000-3 (K- Band)

LEGEND

<u>Code</u>	<u>Approval Level</u>	<u>Tests Required</u>	<u>Status Codes</u>
IAnnnX00	Antenna Model	G/T + Stability	C: Close Ended
IAnnnXX0	Antenna System	Stability	E: Expired
IAnnnXXX	Earth Station	No Tests	O: Open Ended
Where n=0 - 9 and X=A - Z			R: Restricted