

TECHNICAL SPECIFICATIONS

Drive-Away Antennas

Models ⇄ Features ↓	74	74G/H	75V/VP	980+	Ka-98		1200	1200+	1202	1501	1801
Band	Ku	Ka	Ka	Ku (Ka Upgradable)	Ka	Ka	Ku/X	Ku	1202 Ku	Ku, C-Linear, C-Circular	Ku, C-Linear, C-Circular
Deployed Height (mm)	1220	1220	1260	1510	1510	1510	1676	1882	1650	1800	2480/2550
Stowed Height (mm)	300	300	350	350	300	300	488	412	340	490	670/500
Total Weight (Kg)	52	52	52	54	54	54	92.5	100	88	TBD	162/185
Max. RF (BUC/LNB) Platform weight (Kg)	5	5	5	5	5	5	10	15	15	15	11/15
Max. RF, BUC Dims (LxWxH/inches)	11.1x8.7x4.6 11.1x6x5.5	3W/4W Custom	3W Custom	10x6.75x3.4	3W Custom	4W Custom	1900x95x5.5	175x155x6.75	120x152x6.8	12.0x15.2x5.8	1800+19.0x9.75x8.0 1801: 19.0 x 9.0 x 7.5
Reflector	Metal	Metal	ViaSat 75Ka	Prodelin 1984/1985	Skyware 98 Ka	Skyware 98Ka	Prodelin 1132/1134	Prodelin 1132/1134	Skyware 125	Carbon Fibre	Skyware 183
Elevation (degrees)	0 to 90	0 to 90	0 to 90	0 to 90	0 to 90	0 to 90	0 to 78	0 to 90	0 to 90	0 to 90	0 to 80/0 to 90
Polarization (+ degrees)	90	Auto (CPLH/RH)	N/A	90	Auto or 45 (CPLH/RH)	Auto or 45 (CPLH/RH)	90	95	95	95	90
Frequency Rx (GHz)	10.70-12.75	G:17.70-20.20 H:18.30-20.20	18.30-20.20	10.95-12.75	17.70-20.20	18.30-20.20	Ku:10.95-12.75 X:7.25-7.75	10.70-12.75	10.70-12.75	Ku: 10.70 -12.75 C- Linear: 3.625- 4.20 C- Circular: 3.625-4.20	Ku: 10.70 -12.75 C- Linear: 3.40-4.20 C- Circular: 3.625-4.20
Frequency Tx (GHz)	13.75-14.50	G:29.00-30.00 H:28.00-30.00	28.10-30.00	13.75-14.50	29.50-30.00	28.10-30.00	Ku:13.75-14.50 X:7.90-8.40	12.75-14.50	13.75-14.50	Ku: 13.75 -14.50 C- Linear: 5.85-6.425 C- Circular: 5.85-6.425	Ku: 13.75 -14.50 C- Linear: 5.85-6.725 C- Circular: 5.85-6.425
Midband Gain (Rx, Tx)	37.8, 39.2	41.6, 45.3	41.40, 44.50	39.80, 41.30	43.50, 46.60	43.50, 46.60	Ku:41.50,43.00 X:37.40,38.10	41.50,43.00	41.80,43.30	Ku: 43.70, 45.00 C-Linear: 33.40, 37.20 C-Circular: 33.30, 37.10	Ku: 45.30, 46.80 C-Linear: 35.40, 39.30 C-Circular: 35.40, 39.50
Wind Deployed (km/h)	160	160	160	160	160	160	112	112	112	112	112
Wind Stowed (km/h)	225	225	225	225	225	225	225	225	225	225	225
Survival Temp. (°C)	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65
Operational, Wind (km/h)	72	72	72	72	72	72	72	75	75	72	72
Operational, Temp. (°C)	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-32 to 55	-32 to 55	-30 to 56	-30 to 55	-30 to 55	-32 to 55
Controller	7710	7710	7024/7715	7024C	7710	7710	7000C	7715	7710	7710	7000C/7710
Standard Cables (75 Ohm) (50 Ohm -Opt.)	CB-7710-10-2 10m (33ft)	CB-7710-10-2 10m (33ft)	CB-7024-10 10m (33ft)	CB-7724-10 10m (33ft)	CB-7710-10-2 10m (33ft)	CB-7710-10-1 10m (30ft)	CB-7000-30-MIL-9.1m(30ft)	CB-7710-10-2 CB-7710-10-1 10m (33ft)	CB-7710-10-2 CB-7710-10-1 10m (33ft)	CB-7710-10-MIL-2 10 m (33 ft)	CB-7000-30-MIL-18 9.1m (30 ft) CB-7710-10-MIL-2 10 m (33 ft)
Optional Cable Lengths (up to)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-45m (33-150 ft)
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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Fly-Aways								ManPack		
Models ⇄ Features ↓	FLY-74 Ka: G/H	FLY-75V	FLY-981	FLY-98 G/V/H	FLY-1202 Ka: G/V	ACFLY-1200	FLY-1801	MP-60-MOT	MP-80-MOT	MP-100-MOT
Band	Ku / Ka (G/H)	Ka	Ku	Ka	Ku / X Ka (G/V)	Ku	Ku / C	Ku / Ka / X	Ku / Ka / X	Ku / Ka / X
Deployed Height(mm)	Approx 1200	1325	1660	G: 1660 V: 1580 H: 1580	1875	1580	2690	900	1110	1300
Total Weight (Kg)	64	64	64	64	137	64	226	21	21	21.5
Max. RF (BUC/LNB) Platform weight(Kg)	5	5	5	5	15	5	15	1.2	1.2	1.2
Max. RF, BUC Dims (LxWxH/inches)	TBD	3W	2 - 40W	G/V: 3W Custom H: 2W Custom	12x8x6	10x8x4.5	19x12x6.5	5.9x3.9x2.56	5.9x3.9x2.56	5.9x 3.9x2.56
Reflector	Metal	Skyware 75 Ka	Skyware Global 98	Skyware Global 98	GD SMC	Carbon Fibre	Carbon Fibre	Carbon Fibre 6 segments	Carbon Fibre 5 segments	Carbon Fibre 7 segments
Elevation (degrees)	0 to 90	0 to 90	0 to 90	0 to 90	5 to 90	10 to 90	0 to 90	5 to 90	5 to 90	5 to 90
Pol (+- degrees)	Ku: 95 G/H: CP Auto RH/LH	Circular Auto- switching	90	G: Circular ±45 V: Circular Auto-switching H: Circular ±45 Manual	Ku: 95 X: 45 (LHCP RHCP) Ka-G: (LHCP/ RHCP) Ka-V: N/A	95	95	Ku: 95 Ka: LHCP/RHCP X: LHCP/RHCP	Ku: 95 Ka: LHCP/RHCP X: LHCP/RHCP	Ku: 95 Ka: LHCP/RHCP X: LHCP/RHCP
Frequency Rx (GHz)	Ku: 10.70-12.75 G: 17.80-20.20 H: 17.70-20.20	18.30- 20.20	10.70-12.75	G/H: 19.20-20.20 V: 18.30-20.20	Ku: 10.70-12.75 X: 7.25 - 7.75 Ka-G: 19.20-20.20 Ka-V: 18.30-20.20	10.70-12.75	Ku: 10.70-12.75 C-Lin: 3.40-4.20 C-Cir: 3.625-4.20	Ku: 10.70-12.75 Ka: 19.20-21.20 X: 7.25 - 7.75	Ku: 10.70-12.75 Ka: 19.20-21.20 X: 7.25 - 7.75	Ku: 10.70-12.75 Ka: 19.20-21.20 X: 7.25 - 7.75
Frequency Tx (GHz)	Ku: 13.75-14.50 G: 29.00-30.00 H: 28.00-30.00	28.10- 30.00	13.75-14.50	G/H: 29.50-30.00 V: 28.10-30.00	Ku: 13.75-14.50 X: 7.90-8.40 Ka-G: 29.50-30.00 Ka-V: 28.10-30.00	13.75-14.50	Ku: 13.75-14.50 C-Lin: 5.85-6.725 C-Cir: 5.85-6.425	Ku: 13.75-14.50 Ka: 29.0 - 31.0 X: 7.90 - 8.40	Ku: 13.75-14.50 Ka: 29.0 - 31.0 X: 7.90 - 8.40	Ku: 13.75-14.50 Ka: 29.0-31.0 X: 7.90 - 8.40
Midband Gain (Rx, Tx)	Ku: 37.8, 39.2 G/H: 41.6, 45.3	41.40, 44.50	39.70, 41.20	43.50, 46.60	Ku: 41.80, 43.30 X: 37.20, 37.80 Ka-G/V: 46.5, 49.9	41.50, 43.00	Ku: 45.30, 46.50 C-Lin: 35.40, 39.30 C-Cir: 35.4, 39.50	Ku: 35.70, 37.20 Ka: 40.20, 43.20 X: 32.10, 32.70	Ku: 38.30, 39.60 Ka: 42.60, 45.70 X: 34.60, 35.0	Ku: 40.10, 41.40 Ka: 44.50, 47.60 X: 36.40, 37.0
Wind Deployed (km/h)	100w/ballast	100w/ ballast	100 w/ballast	100 w/ballast	145 w/ballast	50w/ballast	120w/ballast	72 w/ballast	72 w/ballast	72 w/ballast
Survival Temp. (°C)	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-40 to 65	-30 to 60	-30 to 60	-30 to 60
Operational Wind (km/h)	72w/ ballast	50no 72w/ ballast	50no ballast 72w/ballast	50 no ballast 72 w/ ballast	48 no ballast 72 w/ ballast	50w/ballast	72 w/ballast	25 no ballast 45 w/ ballast	25 no ballast 45 w/ ballast	25 no ballast 45 w/ ballast
Operational Temp. (°C)	-30 to 60	-30 to 60	-30 to 60	-30 to 60	-30 to 60	-30 to 55	-30 to 55	-20 to 55	-20 to 55	-20 to 55
Controller	7710	7710	7710	7710	7710	7024C	7710	8020	8020	8020
Stand. Cables (75 Ohm) (50 Ohm- Opt.)	CB-7710-10-2 10m (33 ft)	CB-7710- 10-1C 10m (33 ft)	B-7710-10-2 10m (33 ft)	CB-7710-10-2 10m (33 ft)	CB-7710-10-2 10m (33 ft)	CB-FLY-AC-30 10m (33 ft)	CB-7710-10-2 10m (33 ft)	TBD	TBD	TBD
Opt. Cable Lengths (up to)	10-60m (33-200ft)	10-60m (33-200ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	TBD	TBD	TBD
Warranty	2 years	2 years	2 years	2 years	2 years	1 year	1 year	1 year	1 year	1 year

TECHNICAL SPECIFICATIONS

Fixed Motorized				
Models ⇄ Features ↓	FMA-120 Ka	FMA-121	FMA-180+	FMA-241
Band	Ka	Ku	Ku, C-Linear, C- Circular, X-Circular	Ku, C-Linear, C-Circular, X-Circular
Deployed Height(mm)	N/A	N/A	N/A	N/A
Total Weight (Kg)	N/A	N/A	N/A	N/A
Max. RF (BUC/LNB) Platform weight(Kg)	5	10	10	10
Max. RF, BUC Dims (LxWxH/inches)	4W Custom	Any	Any	Any
Reflector	Glass reinforced polyester SMC	Glass reinforced polyester SMC	Glass reinforced polyester SMC	Glass reinforced polyester SMC
Elevation (degrees)	0 to 90	0 to 90	10 to 90	10 to 90
Pol (+- degrees)	Circular, Auto-switching	90	90	90
Frequency Rx (GHz)	19.70 - 20.20	Ku: 10.70-12.75 X-Band: 7.25-7.75	Ku: 10.95-12.75 C-Linear: 3.625- 4.20 C-Circular: 3.625- 4.20 X-Band: 7.25-7.75	Ku: 10.70-12.75 C-Linear: 3.40- 4.20 C-Circular: 3.625-4.20 X-Circular: 7.25-7.75
Frequency Tx (GHz)	29.50 - 30.00	Ku: 13.75 - 14.80 X-Band: 7.90-8.40	Ku: 13.75-14.50 C-Linear: 5.845-6.725 C-Circular: 5.85-6.425 X-Band: 7.908.40	Ku: 13.75-14.50 C-Linear: 5.925-6.725 C-Circular: 5.85-6.425 X-Circular: 7.90 - 8.40
Midband Gain (Rx, Tx)	46.50, 49.90	Ku: 41.50, 43.00 X: 37.40, 38.10	Ku: 47.40-49.20 C-Linear: 38.20, 42.20 C-Circular: 38.00-42.00 X-Band: 40.90-41.60	Ku: 47.40-49.20 C-Linear: 38.20-42.20 C-Circular: 38.00-42.00 X-Band: 43.70-44.40
Wind Deployed (km/h)	200	200	200	201
Survival Temp. (°C)	-40 to 65	-40 to 65	-40 to 65	-40 to 65
Operational Wind (km/h)	72	72	72	80
Operational, Temp. (°C)	-30 to 60	-30 to 60	-30 to 60	-30 to 55
Controller	7024C	7715	7024C	7715
Stand. Cables (75 Ohm) (50 Ohm- Opt.)	CB-FMA-1200-50-F 15m (50 ft)	CB-FMA-1200-50-F 15m (50 ft)	CB-FMA-1800-50-F 15m (50 ft)	15m (50 ft)
Opt. Cable Lengths (up to)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)	10-60m (33 - 200 ft)
Warranty	1 year	1 year	1 year	1 year