

COMTECH

1.8 METER Fly-Away

General	
Type	1.8 Meter Air Transportable (Baggage)
Mount Type	Tripod El/Az Carrier
Feed type	Multi-Mode Prime focus
Polarization Control	Manual Remote

RF		
Operating Frequency		
Ku-Band	14.0 - 14.5 GHz	10.95 - 12.75 GHz
Gain @ midband	46.7 dB	45.4 dB
3dB Beamwidth	0.9°	1.0°
VSWR (max)	1.3:1	1.3:1
Feed Flange	WR-75	WR-75
Cross Pol, On-Axis	30dB Min	30 dB Min
Transmit Power	750W CW (Max)	n/a
C-Band	5.9 -6.4 GHz	3.7 - 4.2 GHz
Gain @ midband	39.5 dB	35.5 dB
3dB Beamwidth	1.8°	2.9°
VSWR (max)	1.3:1	1.3:1
Feed Flange	CPR-137G	CPR-229G
Cross Pol, On-Axis	30dB Min	30dB Min
Transmit Power	1KW (Max)	n/a
Sidelobe Envelope	CCIR, INTELSAT	
Antenna Noise Temperature		
3.65 -4.2GHz	28°K @ 20° El	
10.95 - 12.75GHz	37°K @ 20° El	

Environmental	
Operating Wind	50mph
Survival Wind	75mph
Operating Temperature	-40 to 130° F

Shipping Information (3 CASES)	L	x	W	x	H	TOTAL	WEIGHT
Panels	33"		21"		26"	80"	115lbs
Hub & Parts	25¾"		24¼"		22½"	72½"	100lbs
Mount/Carrier	52"		15¾"		12¼"	80"	115lbs



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