

Satellite Earth Station Antennas

FlyAway Antenna 2.4m



Features

- Air Craft Baggage Shippable
- Fast Response, Dependable
- Portable, Light-Weight Antenna that Maneuvers Easily
- Easy Deployment, Fast Field Assembly
- Compact and Sturdy Portable Antenna

Summary

A totally new concept in KU-Band fly-away antennas for quick, dependable satellite communication response. Designed for worldwide transmit and receive operation, the versatile 2.4 Meter Fly-Away antenna can be easily transported to any place in the world via domestic or international carrier. The portable antenna consists of a lightweight support structure with superior stiffness and high performance under wind loading conditions. Built compact and sturdy, the entire system can be field assembled by two people in less than one hour, with all the necessary hand tools provided. All hardware is captive.

Applications

- Broadcasting
- Satellite News Gathering
- Government and Military Communications
- Remote Business Applications

Specifications: 2.4m FlyAway Antenna

GENERAL

Type	2.4 Meter (13 Piece)	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	49.2 dB	47.6 dB
3dB Beamwidth	0.61°	0.70°
VSWR (max)	1.3:1	1.3:1
Feed Flange	WR - 75F	WR - 75F
Cross Pol, On-Axis	30dB Min	30dB Min
Transmit Power	1KW (Max)	n/a

C-Band

	5.85 - 6.4 GHz	3.65 - 4.2 GHz
Gain @ midband	42.0 dB	38.0 dB
3dB Beamwidth	1.5°	2.3°
VSWR (max)	1.3:1	1.3:1
Feed Flange	CPR - 137G	PR - 229G
Cross Pol, On-Axis	30dB Min	30dB Min
Transmit Power	KW (Max)	n/a

Sidelobe Envelope	CCIR, INTELSAT
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Antenna Noise Temperature

3.65 - 4.2 GHz	30° K @ 20° El
10.95 - 12.75 GHz	37° K @ 20° El

ENVIRONMENTAL

Operating Wind	30 mph
Survival Wind	60 mph
Operating Temperature	-40 to 130 F

Shipping Information

	L	x	W	x	H	TOTAL	WEIGHT
(6 Cases)							
Panels (2 Cases)	28.0"		40.5"		11.5"	80"	100 lbs
Hub	33.0"		33.0"		14.0"	80"	100 lbs
Mount	59.0"		10.5"		10.5"	80"	95 lbs
Mount	49.0"		15.5"		15.5"	80"	95 lbs
Mount	71.0"		4.5"		4.5"	80"	50 lbs