

G-3075

75cm, Multi-Band Manual Fly-Away Antenna System

Lightweight, ruggedized, and modular mobile terminal capable of X, Ku and Ka-band operation



KEY FEATURES

- Modular design allows easily field changable feed/RF chain
- Multiple bands and G/T & EIRP levels
- Transport: One-Man Carry
- Rugged, lightweight

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Mission Critical Communications

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OVERVIEW

This 3-axis Manual Fly-Away system provides users with a lightweight, ruggedized, and modular mobile terminal capable of X, Ku and Ka-band operation. Its ease of use allows for operators with minimal satellite experience to access any broadband application within ten minutes.

TECHNICAL SPECIFICATION

Reflector	
Size	75cm Carbon Fibre Reinforced Polymer (CFRP)
Optics	Axis-Symmetric Stepped Ring Focus
Construction	Multi-segment, Multi-band shaped parabolic
Polarisation	2 port Circular / Linear - Band Dependent
Mechanical	
Axis Drive System	3-axis positioner (manual point)
Mount Geometry	Elevation over Azimuth
Azimuth	$\pm 15^\circ$ fine-tuning
Elevation	0° to 85°
Polarisation	$\pm 90^\circ$ manual linear adjustment RH / LH circular selection
Weights & Measures	
Antenna*	12kg (25.5 lbs) - for Ku-band configuration with 8W BUC and LNB *Dependant on BUC / LNB configuration
Antenna with Soft Backpack	18.5 kg (40 lbs)
Hardcase with Ant & Soft Backpack	29 kg (64 lbs) 79.5 x 51.8 x 39.4cm (31" x 20.4 x 15.5") Airline checkable (IATA-compliant)



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