



# ATOM 99 Ka Flyaway Terminal

## Key Features:

- Compact, rugged and lightweight
- Quick deploy and stow
- Tool-free operation
- Reconfigurable for any terrain
- Sealed RF chain
- All passive cooling for improved reliability
- Worldwide operation - Full Ka coverage with flexible polarization
- Inmarsat Global Xpress® configurations are available

### EIRP

54.0 dBW @ 30.0GHz

### G/T

21.0 dB/K @ 20.2GHz  
30°EI, clear skies



This compact terminal is lightweight, rugged and quick to deploy and stow. The design is simple and robust for fast operation in tough environments. The dual-offset antenna provides maximum efficiency and best possible radiation characteristics for improved data throughput and availability. It employs a segmented, carbon fiber reflector that deploys quickly and accurately, with no tools. When integrated with the DRC3500 5 watt transceiver, the ATOM 99 offers truly global operation with flexible polarization and full Ka-Band transmit coverage from 29 to 31 GHz. Configurations are available with out-of-the-box compatibility with Inmarsat's Global Xpress® Commercial (29-30 GHz) Ka-Band Network.

The integrated Ka transceiver houses a BUC, PLL LNB and all associated waveguide components in an IP sealed, compact unit requiring no cooling fans. The manual mount provides means to adjust the antenna pointing angle and interfaces to the tripod by way of quick-release catch. The tripod is manufactured from aluminum with adjustable legs which provide a low profile and wide operational footprint while minimizing stowed length.

### Options:

- Tripod stand with anchoring
- Hard carrying cases
- Electronic switchable polarization
- Electronic band switching (Commercial to Military Ka-Band)

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