



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 approved



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, composite reflector that can be deployed quickly and accurately, with no tools. Full Ka-Band transmit coverage from 29 to 31 GHz with flexible polarization for truly global operation. The ATOM 99 is pre-approved for out-of-the-box compatibility with Inmarsat's Global Xpress 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 the 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 feet/ anchoring options
- 2-case option
- Electronic switchable polarization
- Electronic band switching (civil to Mil Ka)

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