



# ATOM 65 Terminal

## ATOM 65

### EIRP

50.5 dBW @ 30.0GHz  
(typical)

### G/T

17.0 dB/K @ 20.2GHz, 30°EI,  
clear skies (typical)

### Weight

Approx 13Kg

## Key Operational Characteristics:

- Compact, rugged and lightweight
- Fast deploy and stow
- Reconfigurable for any terrain
- Simple, tool-free operation
- Sealed RF chain
- No cooling fans for improved reliability



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 4-piece segmented, composite reflector that can be deployed quickly and accurately with no tools.

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 a wide operational footprint while minimizing stowed length.

### Options:

- Telescopic tripod
- Tripod feet/ anchoring options
- 2-case option
- Electronic switchable polarization
- Electronic band switching (civil to Mil Ka)