

MOTT

A NEW LEVEL OF CONNECTIVITY



Multi Orbit Tactical Terminal (MOTT) is a KU Band terminal which operates on Intelsat FlexMove GEO network and LEO network.



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General

The MOTT (Multi-Orbit Tactical Terminal) is a low profile, fully electronically steerable antenna (ESA) with no moving parts. It provides a low signature in a compact form and is designed for extreme environments with the most demanding requirements.

The MOTT is optimized for mobile connectivity, with short acquisition time, allowing high dynamic tracking. The MOTT Supports transmit & receive with the Intelsat FlexMove GEO network in addition to LEO network, enabling switch from GEO to LEO networks.

Key Features



Multi orbit constellations

Blend and transfer network traffic in near real-time between GEO and LEO satellite constellations.



All-In-One Solution

Integrated terminals include everything needed for operation: modem, Antenna Management Unit (AMU) and a full RF front end.



No moving parts

No moving parts, so calibration is not required therefore providing long-term reliability and lower maintenance costs.



Easy set-up and operation

The easy installation and integration allows end users to transition from platform to platform in minutes.



Tx Frequency	Max EIRP
13.75-14.5 GHz	46.5 dBW boresight

Rx Frequency	Power Consumption
10.7-12.75 GHz	735 W - 770 W

Max G/T	Weight
10.5 dB/K	48 Kg (105.8 lb.)

System size (W/H/L)
66 x 9 x 90.9cm (26 x 3.5 x 35.7")