

Product Brochure

DKET Series 3400

Field-Proven DKET Architecture, Reliable Communications

Overview

The Gilat DataPath Series 3400 multi-band tactical DKET terminal delivers the operational flexibility, capacity, connectivity, rapid deployability, and control required to support a mission with minimal manpower.

Deploying in less than four hours, much more rapidly than large non-tactical alternatives, the Series 3400 provides a secure, reliable, network hub in the form of a single-skid earth terminal. Because of this form factor, the system is easily transportable by any Palletized Load System (PLS). With more than 150 units installed around the world, commercial and military users have relied on Gilat DataPath DKETs for more than a decade.



Key Features

- Modular multi-band capability (X, Ku, Ka)
- Swap bands in under 90 minutes
- WGS Ka- and X-band certified
- Single 20 ft. (6 M) ISO 1C skid configuration
- Designed to meet 810G

Key Benefits

- Flexibility to leverage available satellite assets
- Interchangeable between military and commercial networks
- Easy transport over air, land or sea via a variety of aircraft and vehicles
- Field-proven, reliable communications

Specifications

Technical Specifications

Antenna Size	4.0m/4.2m carbon fiber
Certifications	WGS, MIL-STD-810G
Compliance	FCC, Eutelsat, Intelsat, Xtar, Inmarsat GX
Configuration	Integrated 20ft. ISO 1C Single Skid
Frequency Bands	Military X, Ku, Military Ka, Commercial Ka (optional)
M&C	MaxView® Enterprise™
Modems	4RU customer specified expandable
Power	On-board 10KVA TQG (optional) Generator/shore 220-240 VAC, 50Hz or 60 Hz (ATS)
Rack Space	27 / 54 RU
Temperature	Operating: -30 deg C to 50 deg C Storage: -40 deg C to 71 deg C
Weight	Configuration dependent

Radio Frequency (RF)

RF Parameter	X-Band (Single/Multi Carrier)	Ku-Band	Ka-Band
Downlink Frequency (GHz)	7.25 - 7.75	10.7 - 12.75	20.2 - 21.2
Uplink Frequency (GHz)	7.9 - 8.4	13.75 - 14.50	30.0 - 31.0
Number of Feed Ports	2 or 4	2 or 4	2 or 4
Polarization	Circular	Linear	Circular
Up to EIRP (dBW) Linear	72.7	75.3	78
Up to G/T (dB/K) @10deg Elevation	27.2	31	32.5