

Product Brochure

DataPath DKET 3380

Field-Proven DKET Architecture,
Reliable Communications

Overview

Based on field-proven DKET architecture that commercial and military users have relied on for over two decades, the DataPath DKET 3380 delivers the operational flexibility, capacity, connectivity and control required to ensure success anywhere in the world.

Deploying in less than 60 minutes, the DKET 3380 provides a network hub in the form of a single-skid, quickly deployable earth terminal.

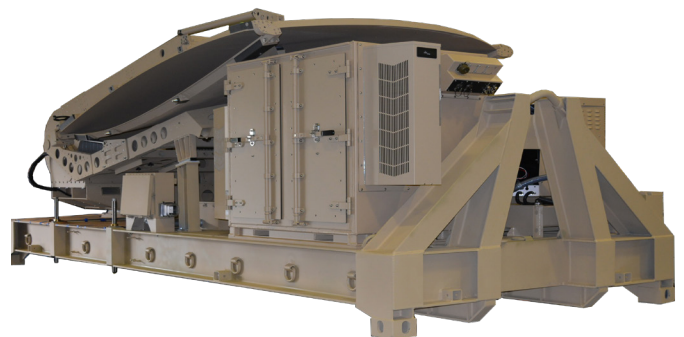


Key Features

- 3.8m antenna
- X, Ku and Ka-Band operation
- Local or remote modem operation, optional fiber optic IFL
- Scalable modem architecture (up to 32 modems)
- Operational temperature up to ± 55 deg C
- 22,000 lbs (10,000 kg)
- Optional generator with ATS switch

Key Benefits

- Rapid deployment in less than 60 minutes
- Interoperable between military and commercial networks
- Easy transport over air, land or sea via a variety of aircraft and vehicles
- Field-proven, reliable communications
- No civil works required



Specifications

Technical Specifications

Antenna Size	3.8m Carbon Fiber
Certifications	TBD
Compliance	FCC, Eutelsat, SES
Configuration	20 ft. ISO skid with PLS hook
Frequency Bands	X, Ku, Commercial/Military Ka
M&C	MaxView® Enterprise™
Modems	Up to 32 per polarization
Temperature	Operating: -30 deg C to 55 deg C Storage: -40 deg C to 71 deg C
Wind Performance	X, Ku: 45 MPH gusting to 65 MPH Ka: 30 MPH gusting to 45 MPH
Weight	22,000 lbs (10,000 kg)
Power (50/60 Hz)	3 Phase, 230 VAC (other power options available)

Radio Frequency (RF)

RF Parameter	X-Band	Ku-Band 30B available	Ka-Band
Downlink Frequency (GHz)	7.25 – 7.75	10.7 – 12.75	17.7 – 21.2
Uplink Frequency (GHz)	7.9 – 8.4	13.75 – 14.50	27.5 – 31.0
Number of Feed Ports	42	4	4
Polarization	Circular	Linear	Circular
EIRP (dBW) Linear	72.7	75.3	78.2
G/T (dB/K) @10deg Elevation	28	31	32.5