



2.4M Multi-Band Transportable Terminal MTT 2400

Compact , versatile, field-proven

Whenever in need of an easily deployable, self-contained multi-band satellite terminal to support your missions, the mission-proven MTT 2400 is the terminal of choice!

The MTT 2400 is based on an ultra compact platform and is designed for easy transportation and set-up. With its rapid band switching capability and 34 RU free rack space, it provides utmost versatility and flexibility and can meet almost all network requirements. The terminal can be monitored and controlled remotely via satellite. A built-in power generator allows permanent autonomous operation. With the 10 feet ISO container footprint and the optional trailer, there are manifold transport options on land, air and sea.



PERFORMANCE SPECIFICATIONS

PHYSICAL

Dimensions	(LxWxH) 3.18 m x 1.82 m x 1.61 m (2.32 m on trailer)
Weight (baseline platform)	1930 kg
Trailer (optional)	1250 kg

PHYSICAL

Road transport	on trailer or truck (80 km/h on road, 30 km/h off road)
Air transport	Cargo plane (C-160), Helicopter (CH-53, inside and outside)
Rail transport	according to A MOV P-4
Sea transport	inside 20 ft ISO container

ENVIRONMENTAL

Operational temperature	-32°C to +49°C
Storage temperature	-46°C to +63°C
Solar Radiation	up to 1120 W/m ²
Operational Wind speed	72 km/h (97 km/h gusts)
Survival Wind speed (stowed)	180 km/h
Rain	up to 1.8 mm/min
Snow load	up to 50 kg/m ²
Humidity	up to 100 % condensing
Dust	1 g/m ³

QUALIFICATION

Environment & Transport	Tested and Qualified according to military standards (STANAG 2895, MIL-STD 810F, NATO A MOV P-4)
Satellite standards	Intelsat/Eutelsat (C-, Ku-Band), MIL-STD 188-164 A (X-Band), WGS certifiable (X-, Ka-Band)

RF SPECIFICATIONS

	C-Band, 2 Port Circular	X-Band, 2 Port Circular	KU-Band, 4 Port Linear	KA-Band, 2 Port Circular
Frequency Range Tx Antenna	5.850-6.425 GHz	7.90-8.40 GHz	13.750-14.500 GHz	30.000-31.000 GHz
Frequency Range Rx Antenna	3.625-4.200 GHz	7.25-7.75 GHz	10.950-12.750 GHz	20.200-21.200 GHz
Antenna Gain Tx	42.1 dBi @ 6.13 GHz	43.6 dBi @ 8.15 GHz	48.4 dBi @ 14.125 GHz	55.2 dBi @ 30.5 GHz
Antenna Gain Rx	38.1 dBi @ 3.91 GHz	43.5 dBi @ 7.5 GHz	47.2 dBi @ 11.85 GHz	52.3 dBi @ 21.7 GHz
Transmit Power (Tri-Band TWTA)	325 W	380 W	380 W	
EIRP rated	64 dBW @ 5.85 GHz	67 dBW @ 7.9 GHz	72 dBW @ 14.0 GHz	
G/T @ 10°El.	17.5 dB/K @ 4.06 GHz	22 dB/K @ 7.25 GHz	25 dB/K @ 12.0 GHz	28.7 dB/K @ 20.7 GHz

OPTIONS:

- Trailer
- Ka-Band
- Low PIM (X-Band)
- EMI protection (60 dB @ 1 GHz)



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