

**Designed for The Operator...
The Lightest Most Agile SATCOM Solutions in the World.**

Tampa Microwave Manpack Satellite Terminals



Lightweight • Simple to Operate • Multi-Band • Battery Operated • MIL-SPEC Reliability

Tampa Microwave's line of Manpack terminals are specifically designed for the needs of the front line operators. They are built to be air-dropped or jumped for operation in the World's most austere environments for extended periods. The terminals also offer several operational and logistical advantages over its competition:

- **Compact design and packaging facilitates one person setup and operation**
- **Backpack fits in airline overhead compartment; transit hard case is airline checkable**
- **Auto-assist display provides setup in less than 10 minutes**
- **R/T, Modem and Power Supply Modules are common to all Tampa Microwave's terminals**
- **No tools or special equipment needed to setup or operate the terminals**
- **Modem agnostic**



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Features and Specifications

	<u>X-Band</u>	<u>Ku-Band</u>	<u>Ka-Band</u>
Weight without Transit Case Standard Power	40.50 lbs (65cm) 48.10 lbs (95cm)	38 lbs (65cm) 46 lbs (95cm)	30 lbs (65cm) 49.07 lbs (95cm)
Weight without Transit Case Enhanced Power	42.35 lbs (65cm) 50.20 lbs (95cm)	39.01 lbs (65cm) 47.40 lbs (95cm)	N/A
G/T (20 deg elevation angle) Low Power	11 dB/K (65cm) 15 dB/K (95cm)	15.2 dB/K (65cm) 17.7 dB/K (95cm)	16.8 dB/K (65cm) 19.5 dB/K (95cm)
G/T (20 deg elevation angle) Enhanced Power	11 dB/K (65cm) 15 dB/K (95cm)	15.2 dB/K (65cm) 17.7 dB/K (95cm)	N/A
EIRP P1dB Low Power	44.8 dBW (65cm) 47.8 dBW (95cm)	49.2 dBW (65cm) 51.7 dBW (95cm)	53.8 dBW (65cm) 56.7 dBW (95cm)
EIRP P1dB Enhanced Power	48.3 dBW (65cm) 51.7 dBW (95cm)	53.5 dBW (65cm) 56 dBW (95cm)	N/A
Receive Frequencies (GHz)	7.25-7.75	10.70-12.75	19.2-21.2
Transmit Frequencies (GHz)	7.90-8.40	13.75-14.50	29.0-31.0
Certifications Low Power RTs	WGS	Intelsat FLEX	WGS
Power Input	85-265 VAC, 47-440 HZ, 10-36 VDC		
Approximate Battery Runtime	>2 hours of run time from a single BB-2590		



inmarsat
Global Xpress

65cm Ka-Band GX Compliant



TAMPA
MICROWAVE[™]
A THALES COMPANY



Modem Options

iDirect 950mp
Comtech 1050TS, 840B
TM Acquisition Wizard
ViaSat CBM-400 (LinkWay and EBEM modes)

ND SATCOM Skywan 5G
L3 Linkabit MPM 2500



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