

# Connect 100T

## 98cm Ka-Band Global Xpress Terminal

A quick deploy and cost effective  
Global Xpress terminal



### KEY FEATURES

- 98cm Antenna with feed
- El/Az Antenna Mount
- 5W Transceiver / BUC & LNB
- RF Cable (2.5m)
- Outdoor PIM
- Transit Cases

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Mission Critical Communications

# Connect 100T

## 98cm Ka-Band Global Xpress Terminal



### OVERVIEW

The Connect100T terminal is a medium-sized transportable Global Xpress certified solution designed to provide optimum performance on the Global Xpress network. It provides portability and straightforward setup for short term use in demanding environments.

The one metre antenna with the Outdoor Interface Module (PIM), the Tri-Mount and transit cases can be deployed or installed in virtually any location that has a clear view to the satellite.

### TECHNICAL SPECIFICATION

#### Reflector

Size	98cm one piece, steel
Optics	One piece offset feed prime focus
Feed	Custom Circular
Mast Pipe Interface	60mm (2.28") Diameter (std.)
Mount Geometry	Elevation over Azimuth

#### Mechanical

Adjustments	Azimuth: Fine - 360° Continuous - ±3° adjustment Elevation: 5° to 90° Continuous
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Polarisation	RHCP / LHCP, Manual change
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Packaged Weight	32Kgs per case approx
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Tripod Weight	10Kgs approx
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Tripod Mast Pipe Interface	60mm (2.38") Diameter (Std.)
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#### Performance

Frequency Range	Global Xpress Compliant (GHz)
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Polarisation	Circular, RH or LH
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Data Capabilities	Up to 5Mbps Uplink / 50 Mbps Downlink
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External Power	100 -230v (50 - 60 Hz)
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Ingress Protection	PIM IDU - IP65 TXVR (BUC/LNB) - IP65
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Radiation Pattern Compliance	GX Certified
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#### Environmental

Ambient Operating Temperature	Antenna -50° to ±80°C Outdoor PIM -25° to +55°C
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Operating Humidity	Outdoor PIM 0 to 95% (condensing)
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