



### OTK Outdoor Transmission Kit

The Norsat CFK-100E-OTK (Outdoor Transmission Kit) provides reliable, redundant communication capability via Satellite BGAN terminal or Cellular Modem/Router. The integrated UPS with battery backup provides a minimum of 3 hours of continuous operation in the event of a power loss.

The OTK has an integrated cooler and sunshield that ensure reliable operation when deployed in full sun in temperatures up to 55°C. All connections on the exterior interface panel are rated for outdoor use. All equipment and accessories are packaged in one transit case for maximum portability.

The OTK can be deployed in less than 30 minutes, providing reliable communication in nearly any location.



### Key Features

The Norsat CFK-100E-OTK is an Outdoor Transmission Kit packaged in a modified transport case with an integrated cooler and external interface panel. All cable and accessories are packaged in the rugged transit case for portability.

Features include:

- Integrated AC/DC Power Supply with UPS backup
- Provides conditioned DC power for BGAN and Cellular Modem
- Sunshield and Active Cooling for operation in temperatures up to 55°C
- Lightweight (<48lbs with all optional equipment and batteries)
- Weatherproof connectors for all external interfaces
- LED indicators
- Fast and Easy Set Up
- BGAN Satellite Modem and Antenna (Optional)
- Cellular Modem/Router and Antenna (Optional)
- Backup Batteries (Optional)
- Power and Interface cables for BGAN Terminal and Cellular Modem/Router

### Norsat Global Customer Support

OTK kits are supported by Norsat's global customer support team, who provide assistance for a range of technical issues.

Customer support may include installation, training, trouble-shooting, application support, and 24/7/365 support is available to support mission critical applications.

# NORSAT CFK-100E-OTK – OUTDOOR TRANSMISSION KIT

## INCLUDED ACCESSORIES

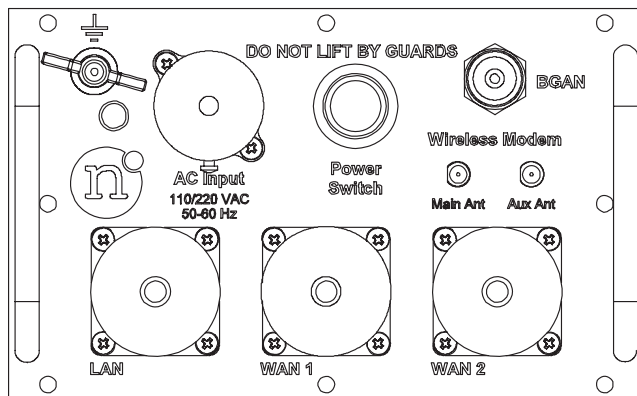
- Modified transport case with integrated cooler and sunshield
- Interior interface panel with LED indicators
- External interface panel with weatherproof connectors and guards
- External Ground Lug
- Integrated universal AC/DC Power Supply
- Power and Interface cables for BGAN Terminal and Cellular Modem/ Router
- Exterior Power and Communication cables

## DETAILED SPECIFICATIONS

<b>Dimensions:</b>	Exterior - 25.00" x 19.43" x 8.68"
<b>Weight:</b>	< 48lbs
<b>AC Power Input:</b>	90-264 VAC, 47-63 Hz, < 150W
<b>Operating temperature:</b>	-10°C to 55°C (low temp modem dependent)
<b>Storage Temperature:</b>	-32°C to 60°C (battery limited, +70°C excluding batteries)
<b>Humidity:</b>	95%, Non-Condensing
<b>UPS Battery Backup:</b>	> 3 Hours

## EXTERIOR INTERFACE PANEL

- Three configurable Ethernet ports
- Two Cellular Antenna SMA Connectors
- One BGAN Antenna TNC Connector
- One AC Input Connector
- One Ground Lug (1/4"-20)
- One Power Switch with integrate LED



## TYPICAL CONNECTION DIAGRAM

