

# Take Connectivity Anywhere the Story Breaks

*Broadcast from the hardest-to-reach places*



## ThinPack®

High-Performance Satellite Antenna

When the story takes you to far-off places and you need to be quick and agile, take a ThinPack satellite antenna for assured access to global connectivity.

Stream video, make voice calls and take the internet with you for any kind of event — no matter the state of local networks or how remote you are.

### Key Features

- Broadcast-quality streaming from locations impassable by vehicles
- Worldwide Ku- and Ka-band satellite coverage
- No assembly required
- Fast and easy to align and stabilize
- Lightweight, easily transported
- Airline carry-on case available (IATA compliant)
- Weighs as little as 14.5 pounds

## Technical Features

### Environmental

**Operational Temperature:** -40°F to +140°F (-40°C to +60°C)

**Environmental Compatibility:** MIL-STD-810

**Performance** (60cm parabolic dish equivalent)

**Data Rates (Forward Link/Receive):** up to 20 Mbps

**Data Rates (Return Link/Transmit):** up to 10 Mbps

**Advantages and Benefits** (relative to 60cm parabolic dish)

- Up to 50% less sensitive to pointing/alignment errors
- Up to 65% smaller aperture area
- Up to 80% less susceptible to wind-loading
- Integrated transmitter/receiver (compact, small visual signature)

### Carrying Case

Airline carry-on, IATA compliant (Hard case or light-weight backpack)

**ThinPack**<sup>®</sup>



**Ku100(i) or Ka100**

| Specification                           | Ku100   | Ku100i  | Ka100                                   |
|---|---|---|---|
| Frequency Band                          | Ku-band                                       |   | Ka-band                                 |
| Transmit (Tx) Band                      | 13.75-14.5 GHz                                |   | 28.1-31.0 GHz                           |
| Receive (Rx) Band                       | 10.7-12.75 GHz                                |   | 18.7-21.2 GHz                           |
| G/T                                     | 9.0 dB/K<br>(12.25 GHz)                       | 11.5 dB/K<br>(12.25 GHz)                          | 13 dB/K<br>(20.2 GHz)                   |
| EIRP                                    | 39.5 dBW<br>(14.25 GHz w/6W BUC)*             | 40 dBW<br>(14.25 GHz w/6W BUC)*                   | 46 dBW<br>(30 GHz w/5W BUC)*            |
| Transmit PSD<br>(Regulatory Compliance) | 12.5 dBW/4 kHz<br>(per 47 CFR 25.222, 25.209) | 15 dBW/4 kHz H-Pol<br>(per 47 CFR 25.222, 25.209) | 32 dBW/40 kHz<br>(per 47 CFR 25.138)    |
| Polarization                            | Linear (manually aligned)                     |   | Switchable circular<br>(orthogonal-pol) |
| X-Pol/AR                                | < 20 dB typical (X-pol)                       |   | < 2.0 dB typical (AR)                   |
| Tx/Rx Isolation                         | <-80 dB (built-in diplexer/filters)           |   |   |
| Weight                                  | 14.5 lbs. (not including case or backpack)    |   |   |
| Antenna Dimensions                      | 16.1"L x 10.1"W x 3.4"H                       | 16.1"L x 9.6"W x 2.1"H                            | 16.8"L x 11.5"W x 2.8"H                 |

\*Larger BUC sizes available



**Hard Case or Backpack**

**ThinKom**

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