



Transmit Power: 34.4 dBm      Receive Sensitivity: -89 dBm

| Wireless Bands | Path Mode | Start Frequency | Stop Frequency | MIMO     | Channel Width | Modulation | Max. Data Rate |
|----------------|-----------|-----------------|----------------|----------|---------------|------------|----------------|
| X Band         | Receive   | 10700 MHz       | 12700 MHz      | 1x1 SISO | 240 MHz       | 64QAM      | 720 Mb/s       |
| Ku Band        | Transmit  | 14000 MHz       | 14500 MHz      | 1x1 SISO | 60 MHz        | 64QAM      | 180 Mb/s       |

#### Ethernet Interfaces

| Interface   | Quantity | Function               | Signalling            | PoE Input    |
|-------------|----------|------------------------|-----------------------|--------------|
| RJ45 Copper | 1        | WAN, to UTR-XXX Router | 100BASE-T, 1000BASE-T | Starlink PoE |

#### Antenna Specifications

|                  |           |                  |   |
|------------------|-----------|------------------|---|
| Start Frequency: | 10700 MHz | Polarisation:    | Left Hand Circular (LHCP), Right Hand Circular (RHCP) |
| Stop Frequency:  | 14500 MHz | Input Impedance: | 50  |

#### Frequency Test Data

| Start Freq. | Stop Freq. | Peak Gain | Azimuth | Elevation |
|-------------|------------|-----------|---------|-----------|
| 10700 MHz   | 12700 MHz  | 30.4 dBi  | 3.5°    | 3.5°      |
| 14000 MHz   | 14500 MHz  | 31.8 dBi  | 2.8°    | 2.8°      |

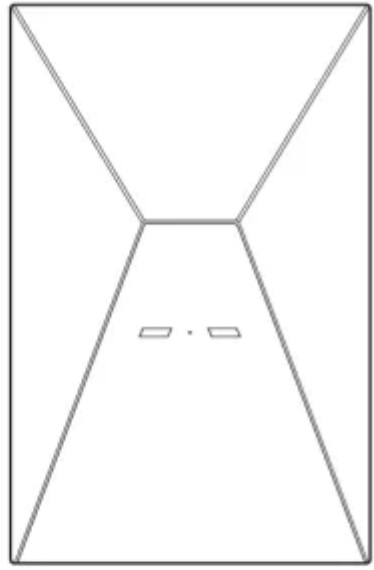
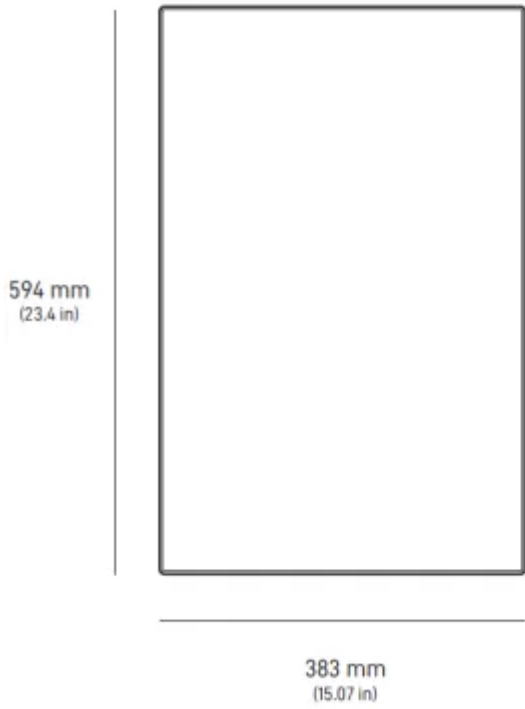
## Physical Specification

|                             |                    |             |                     |
|-----------------------------|--------------------|-------------|---------------------|
| Subtype:                    | Satellite Terminal | Dimensions: | 173 × 93 × 35.75 mm |
| Min. Operating Temperature: | -30 °C             | Weight:     | 0.65 kg             |
| Max. Operating Temperature: | 60 °C              |             |                     |
| Ingress Protection:         | IP67               |             |                     |

#### Power Specifications

|                   |                     |                      |      |
|-------------------|---------------------|----------------------|------|
| Max. Consumption: | 197 W               | Typical Consumption: | 85 W |
| Power Options:    | Power over Ethernet |                      |      |

# Drawing



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