

# TFAH-US6B-34



ION®-B Series High Power Remote Unit for LMR 700, LMR 800, Cellular 850, LMR 900, AWS, and PCS 1900

**OBSOLETE**

**Replaced By:**

TFAH-US7B-34

ION®-B Series High Power Remote Unit for Cellular 700, LMR 800, Cellular 850, LMR 900, AWS, PCS 1900, and WiMAX

## Product Classification

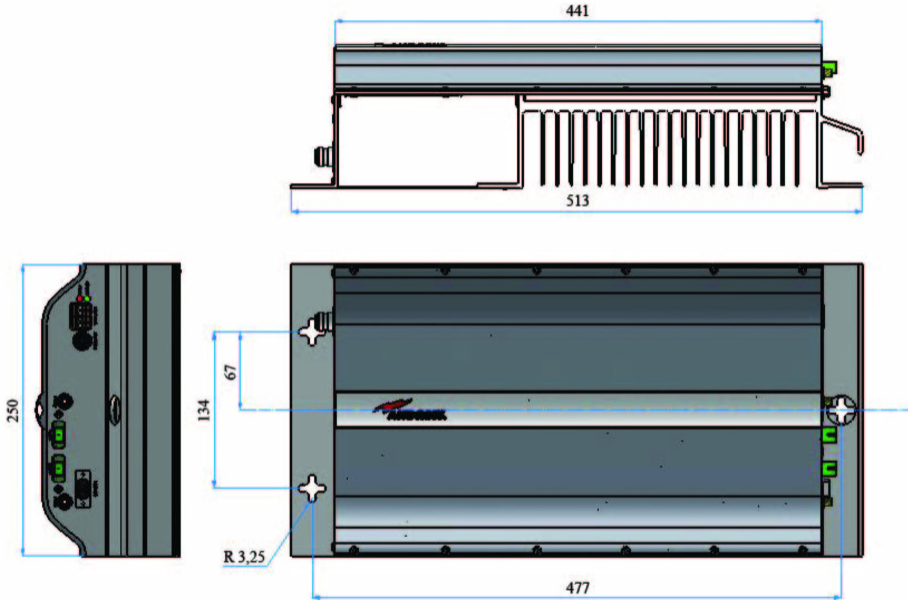
**Product Type** Remote unit  
**Product Brand** ION®-B

## General Specifications

**Note** Detailed Product Specifications are available. Please contact your local CommScope representative.  
**Power Class** High

## Dimension Drawing

# TFAH-US6B-34



## Electrical Specifications

**Impedance**

50 ohm

**License Band**

AWS | CEL 850 | LMR 700 | LMR 800 | LMR 900 | PCS 1900 Extended

**Voltage Range**

-60 to -38 Vdc

## Electrical Specifications, Rx (Uplink)

**Operating Frequency Band**

1710 – 1755 MHz (AWS 1700) | 1850 – 1915 MHz (PCS 1900 Extended) | 799 – 806 MHz (LMR 700) | 806 – 824 MHz (LMR 800) | 824 – 848.5 MHz (Cellular 850) | 896.5 – 902 MHz (LMR 900)

## Electrical Specifications, Tx (Downlink)

**Operating Frequency Band**

1930 – 1995 MHz (PCS 1900 Extended) | 2110 – 2155 MHz (AWS 1700) | 769 – 775 MHz (LMR 700) | 851.5 – 869 MHz (LMR 900)

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800) | 869 – 893.5 MHz (Cellular 850) | 935 – 941 MHz (LMR 900)

## Regulatory Compliance/Certifications

**Agency****Classification**

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

## Included Products

TPSN3/28-100

– ION® Power Supply Adapter ION®-B Series Remote Units, 100 W