TFAH-US6B-34



ION $\ensuremath{\mathbb{R}}$ -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

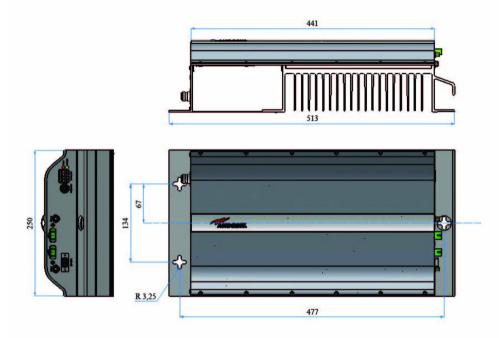
Product Classification

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	

Page 1 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: August 20, 2024





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

Page 2 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: August 20, 2024

COMMSCOPE®

TFAH-US6B-34

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

Page 3 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: August 20, 2024

