



TFAH-US7B-34

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

General Specifications

Power Type	High
Brand	ION®
Note	Detailed Product Specifications are available. Please contact your local CommScope representative.

Electrical Specifications

License Band	AWS CEL 850 Cellular 700 LMR 800 LMR 900 PCS 1900 Extended WiMAX
Voltage Range	-60 to -38 Vdc

Electrical Specifications Rx (Uplink)

Operating Frequency Band 1710 – 1755 MHz (AWS 1700) | 1850 – 1915 MHz (PCS 1900 Extended) | 2496 – 2690 MHz (WiMAX) | 698 – 716 MHz (Cellular 700) | 776 – 787 MHz (Cellular 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) | 2496 – 2690 MHz (WiMAX) | 728 – 757 MHz (Cellular 700) | 851.5 – 869 MHz (LMR 800) | 869 – 893.5 MHz (Cellular 850) | 929 – 941 MHz (LMR 900)

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

Included Products

TPSN3/28-130 — Power Supply Adapter ION®-B Series Remote Units, 130 W

PRIMUS
(800) 435-1636