

# 7698400-0004 | ION-U H 7P/80-85P/17EP/19P-Vdc-M2



ION-U® High Power Remote Unit for USA 700 and USA 750, SMR 800, CEL 850, AWS 1700, and PCS 1900 Band Applications

**OBSOLETE**  
This product was discontinued on: June 30, 2022

## Product Classification

Product Type	Remote unit
Product Brand	ION-U®

## General Specifications

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

## Electrical Specifications

Impedance	50 ohm
License Band	AWS 1700   CEL 850   PCS 1900   SMR 800   USA 700   USA 750
Voltage Range	-60 to -48 Vdc

## Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1710 – 1780 MHz (AWS 1700)   1850 – 1915 MHz (PCS 1900)   698 – 716 MHz (USA 700)   776 – 787 MHz (USA 750)   817 – 824 MHz (SMR 800)   824 – 849 MHz (CEL 850)
Wavelength	1310 nm   1550 nm

## Electrical Specifications, Tx (Downlink)

Operating Frequency Band	1930 – 1995 MHz (PCS 1900)   2110 – 2180 MHz (AWS 1700)   728 – 746 MHz (USA 700)   746 – 757 MHz (USA 750)   862 – 869 MHz (SMR 800)   869 – 894 MHz (CEL 850)
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## Output Power per Antenna Port

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## Note

\*\* For carrier bandwidth < 5 MHz output power shall be reduced by 3 dB