

7698400-0002 | ION-U H 7P/80-85P/17P/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

Product Classification

| | |
|----------------------|-------------|
| Product Type | Remote unit |
| Product Brand | ION-U® |

General Specifications

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

Electrical Specifications

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|----------------------|---|
| 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)

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|---------------------------------|---|
| Operating Frequency Band | 1710 – 1755 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)

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|---------------------------------|---|
| Operating Frequency Band | 1930 – 1995 MHz (PCS 1900) 2110 – 2155 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 |
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