



## ION®-U High Power Extension Unit for DCS 1800 and IMT 2600 Band Applications

### Product Classification

<b>Brand</b>	ION®-U
<b>Product Type</b>	Extension unit

### General Specifications

<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
<b>Power Type</b>	High

### Electrical Specifications

<b>License Band</b>	DCS 1800   IMT 2600
<b>Voltage Range</b>	+100 to +240 Vac

### Output Power Per Antenna Port

<b>Note</b>	* 66 dBc @ 2 and 4 carriers; 63 dBc @ 8 carriers; 60 dBc @ 16 carriers   ** For carrier bandwidth < 5 MHz output power shall be reduced by 2 dB
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### Electrical Specifications Rx (Uplink)

<b>Input ICP-3, specific</b>	-17 dBm (IMT 2600), ICP-3 optimized   -19.5 dBm (DCS 1800), ICP-3 optimized   -20 dBm (IMT 2600), NF optimized   -22.5 dBm (DCS 1800), NF optimized
<b>Operating Frequency Band</b>	1710 – 1785 MHz (DCS 1800)   2500 – 2570 MHz (IMT 2600)

### Electrical Specifications Tx (Downlink)

<b>Operating Frequency Band</b>	1805 – 1880 MHz (DCS 1800)   2620 – 2690 MHz (IMT 2600)
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