



ION®-U High Power Extension Unit for EDD 800, DCS 1800 and IMT 2600 Band Applications

Product Classification

Brand ION®-U
Product Type Extension unit

General Specifications

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

Electrical Specifications

License Band DCS 1800 | EDD 800 | IMT 2600
Voltage Range +100 to +240 Vac

Output Power Per Antenna Port

Note * 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

Electrical Specifications Rx (Uplink)

Input ICP-3, specific -13 dBm (EDD 800 MAIN), ICP-3 optimized | -17 dBm (EDD 800 MAIN), NF optimized | -17 dBm (EDD 800 MIMO), ICP-3 optimized | -17 dBm (IMT 2600), ICP-3 optimized | -19.5 dBm (DCS 1800), ICP-3 optimized | -20 dBm (EDD 800 MIMO), NF optimized | -20 dBm (IMT 2600), NF optimized | -22.5 dBm (DCS 1800), NF optimized

Operating Frequency Band 1710 – 1785 MHz (DCS 1800) | 2500 – 2570 MHz (IMT 2600) | 832 – 862 MHz (EDD 800)

Electrical Specifications Tx (Downlink)

Operating Frequency Band 1805 – 1880 MHz (DCS 1800) | 2620 – 2690 MHz (IMT 2600) | 791 – 821 MHz (EDD 800)