



Carrier Access Point with 4-Band Support for High Power EDD 800, CEL 900, DCS 1800, and IMT 2100 Applications, Fiber Fed with Fan Kit, AUX Port Power over CAT

## Product Classification

|                     |              |
|---------------------|--------------|
| <b>Brand</b>        | Era™         |
| <b>Product Type</b> | Access point |

## General Specifications

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

## Electrical Specifications

|                                    |  |
|------------------------------------|--|
| <b>Impedance</b>                   | 50 ohm   |
| <b>License Band</b>                | CEL 900   DCS 1800   EDD 800   IMT 2100                                    |
| <b>Power Consumption, specific</b> | 450 W (room temperature, idle)   990 W (maximum temperature, fully loaded) |
| <b>Voltage Range</b>               | +100 to +240 Vac   |

## Electrical Specifications Rx (Uplink)

|                                      |   |
|--------------------------------------|---|
| <b>Operating Frequency Band</b>      | 1710 – 1785 MHz (DCS 1800)   1920 – 1980 MHz (IMT 2100)   832 – 862 MHz (EDD 800)   880 – 915 MHz (CEL 900) |
| <b>System Gain Range, nominal</b>    | +23 dB to +38 dB  |
| <b>System Noise Figure</b>           | 3.5 dB  |
| <b>System Noise Figure Tolerance</b> | ±2.5 dB   |

## Electrical Specifications Tx (Downlink)

|                                   |  |
|-----------------------------------|--|
| <b>RF Output Power 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 decreased by 2 dB |
| <b>System Gain Range, nominal</b> | +23 dB to +38 dB   |

## Environmental Specifications

|                                       |   |
|---------------------------------------|---|
| <b>Ingress Protection Test Method</b> | IEC 60529:2001, IP66   IEC 60529:2001, IP67 |
|---------------------------------------|---|