



ION®-M High Power Remote Unit for CEL 900, DCS 1800 and IMT 2100 Band Applications

## Product Classification

<b>Product Type</b>	Remote unit
<b>Product Brand</b>	ION®-M

## General Specifications

<b>Minimum Software Requirement</b>	ION-M SW V6.50
<b>Note</b>	Detailed Product Specifications are available. Please contact your local CommScope representative.
<b>Power Class</b>	High

## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>License Band</b>	CEL 900   DCS 1800   IMT 2100
<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)   880 – 915 MHz (CEL 900)
<b>Wavelength</b>	1310 nm   1550 nm

## Electrical Specifications, Tx (Downlink)

<b>Operating Frequency Band</b>	1805 – 1880 MHz (DCS 1800)   2110 – 2170 MHz (IMT 2100)   925 – 960 MHz (CEL 900)
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## 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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## Regulatory Compliance/Certifications

**Agency****Classification**

CHINA-ROHS

Above maximum concentration value

ROHS

Compliant/Exempted

UK-ROHS

Compliant/Exempted

