



ION®-M High Power Remote Unit with Extension Port for CEL 900, DCS 1800, IMT 2100, and IMT 2600 Band Applications

## Product Classification

Product Type	Remote unit
Product Brand	ION®-M

## General Specifications

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

## Electrical Specifications

Impedance	50 ohm
License Band	CEL 900   DCS 1800   IMT 2100   IMT 2600
Voltage Range	100 to 240 Vac

## Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1710 – 1785 MHz (DCS 1800)   1920 – 1980 MHz (IMT 2100)   2500 – 2570 MHz (IMT 2600)   880 – 915 MHz (CEL 900)
Wavelength	1310 nm   1550 nm

## Electrical Specifications, Tx (Downlink)

Operating Frequency Band	1805 – 1880 MHz (DCS 1800)   2110 – 2170 MHz (IMT 2100)   2620 – 2690 MHz (IMT 2600)   925 – 960 MHz (CEL 900)
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## 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
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

