



ION®-M High Power Remote Unit for DCS 1800 and IMT 2100 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	DCS 1800 IMT 2100
Voltage Range	100 to 240 Vac

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1710 – 1785 MHz (DCS 1800) 1920 – 1980 MHz (IMT 2100)
Wavelength	1310 nm 1550 nm

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	1805 – 1880 MHz (DCS 1800) 2110 – 2170 MHz (IMT 2100)
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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

