



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 Type	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

7599654-0003 | ION-M18P/21P

Agency

CHINA-ROHS

ROHS

**Classification**

Above maximum concentration value

Compliant/Exempted