



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

OBSOLETE
This product was discontinued on: December 30, 2023

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

Regulatory Compliance/Certifications

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

