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)

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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Above maximum concentration value</td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant/Exempted</td>
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<tr>
<td>UK-ROHS</td>
<td>Compliant/Exempted</td>
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