



Node A+/ Node AM Digital Channel Module (DCM) dual band medium power for GSM 1800, LTE 1800, UMTS 2100, and LTE 2100; 5G ready

Product Classification

Regional Availability	EMEA
Product Type	RF repeater unit
Warranty	For more information, please consult our Product Warranty guidelines

General Specifications

Performance Note	Values typical, unless otherwise stated
------------------	---

Electrical Specifications

Electrical Safety Standard	IEC/EN 62368-1
Gain, typical	72 dB (Band 1) + 72 dB (Band 2)
Gain Adjustment Range	30 dB
License Band	GSM 1800 / LTE 1800 (Band 1) + UMTS 2100 / LTE 2100 (Band 2)
Power Consumption	110 W
Electrical Compliance	EN 303609 / EN 301908-15 (Band 1) + EN 301908-11 / EN 301908-15 (Band 2)

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	1710 – 1785 MHz (Band 1) + 1920 – 1980 MHz (Band 2)
Output Power @ One Carrier	26 dBm GSM / 27 dBm LTE (Band 1) + 27 dBm UMTS-LTE (Band 2)

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	1805 – 1880 MHz (Band 1) + 2110 – 2170 MHz (Band 2)
Output Power @ One Carrier	23 dBm GSM / 25 dBm LTE (Band 1) + 25 dBm UMTS-LTE (Band 2)

Environmental Specifications

Operating Temperature	-33 °C to +50 °C (-27.4 °F to +122 °F)
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Weight, net

6 kg | 13.228 lb

* Footnotes

Warranty

For more information, please consult our Product Warranty guidelines