

DMR 800

Deltanodes DMR800 platform is a medium power repeater platform housed in rugged chassis. The chassis is IP65 classed and allows up to four bands in the same casing.

KEY FEATURES

- › Rugged chassis for use in any environment
- › Houses up to four bands in the same casing
- › Variable bandwidth up to 35MHz depending on configuration
- › High selectivity using SAW technology
- › Optimal performance and minimal interference with self oscillation protection, fast AGC and link symmetry functionality.
- › Operational parameters are set in a web interface only a web browser is needed for control
- › Remote control via Ethernet or Deltanodes Remote GateWay
- › Alarms can be forwarded via SNMP to any Maintenance Centre*
- › Complies to the RoHS directive 2002-95-EC



*Deltanodes Remote GateWay required

DMR 800

GENERAL SPECIFICATIONS

Gain		50 - 80	dB in 1dB steps
Noise Figure		< 5	dB
Delay		< 6	µs
Power Supply Included	Mains	85 – 264	VAC or VDC
Power Consumption		< 40	W
Dimensions	WxDxH	300 x 130 x 400	mm
Weight		< 7	Kg
Operating Temperature		-25 - +55	°C
Casing		IP65	

AVAILABLE PRODUCTS, AMERICAN CELLULAR

Product	System	UL Frequency MHz	DL Frequency MHz	Pout UL/DL, dBm (PEP)	Standard
DMR807	iDEN	806 - 824	851 - 869	28	FCC
DMR808	Cellular	824 - 849	869 - 894	28	FCC
DMR819	PCS1900	1850 - 1910	1930 - 1990	28	FCC
DMR820	AWS	1710 - 1755	2110 - 2155	28	FCC

AVAILABLE PRODUCTS, EUROPEAN CELLULAR

Product	System	UL Frequency MHz	DL Frequency MHz	Pout UL/DL dBm/c, 1 Carrier	Pout UL/DL dBm/c, 2 Carriers	Standard
DMR801	TETRA, Public Safety	380 - 385	390 - 395	20	17	ETSI
DMR802	TETRA, Commercial	410 - 415	420 - 425	20	17	ETSI
DMR803	TETRA, Commercial	415 - 420	425 - 430	20	17	ETSI
DMR804	CDMA450	453 - 457,5	463 - 467,5	28	23	FCC
DMR806	GSM-R	876 - 880	921 - 925	19	16	ETSI
DMR809	EGSM900	880 - 915	925 - 960	19	16	ETSI
DMR818	GSM1800	1710 - 1785	1805 - 1880	21	18	ETSI
DMR821	UMTS	1920 - 1980	2110 - 2170	23(DL), 20(UL)	18(DL), 15(UL)	3GPP

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Rel. 09-06

