

DHR 800

Deltanodes DHR800 repeater platform is a high performance band selective repeater equipped with a linear power amplifier supporting all modulations. An IP65 classed lightweight chassis with optimized cooling secures the performance in almost any environment.

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*
- › Power amplifier in uplink (optional)
- › Complies to the RoHS directive 2002-95-EC



*Deltanodes Remote GateWay required

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GENERAL SPECIFICATIONS

Gain		50 - 85	dB in 1dB steps
Noise Figure		< 5	dB
Delay		< 6	µs
Power Supply Included	Mains	85 – 264	VAC or VDC
Power Consumption		< 130	W
Dimensions	WxDxH	300 x 130 x 700	mm
Weight		< 12	Kg
Operating Temperature		-25 - +55	°C
Casing		IP65	

AVAILABLE PRODUCTS, AMERICAN CELLULAR

Product	System	UL Frequency MHz	DL Frequency MHz	Pout, dBm (PEP)	Standard
DHR807	iDEN	806 - 824	851 - 869	36(DL), 28(UL)	FCC
DHR808	Cellular	824 - 849	869 - 894	36(DL), 28(UL)	FCC
DHR819	PCS1900	1850 - 1910	1930 - 1990	36(DL), 28(UL)	FCC
DHR820	AWS	1710 - 1755	2110 - 2155	36(DL), 28(UL)	FCC

AVAILABLE PRODUCTS, EUROPEAN CELLULAR

Product	System	UL Frequency MHz	DL Frequency MHz	Pout dBm/c, 1 Carrier	Pout dBm/c, 2 Carriers	Standard
DHR801	TETRA, Public Safety	380 - 385	390 - 395	26(DL), 20(UL)	23(DL), 17(UL)	ETSI
DHR802	TETRA, Commercial	410 - 415	420 - 425	26(DL), 20(UL)	23(DL), 17(UL)	ETSI
DHR803	TETRA, Commercial	415 - 420	425 - 430	26(DL), 20(UL)	23(DL), 17(UL)	ETSI
DHR804	CDMA450	453 - 457,5	463 - 467,5	33(DL), 25(UL)	28(DL), 22(UL)	FCC
DHR806	GSM-R	876 - 880	921 - 925	26(DL), 19(UL)	23(DL), 16(UL)	ETSI
DHR809	EGSM900	880 - 915	925 - 960	26(DL), 19(UL)	23(DL), 16(UL)	ETSI
DHR818	GSM1800	1710 - 1785	1805 - 1880	28(DL), 21(UL)	25(DL), 18(UL)	ETSI
DHR821	UMTS	1920 - 1980	2110 - 2170	30(DL), 21(UL)	25(DL), 16(UL)	3GPP

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