



3B - 6B FAMILY ELECTROLINK DAB / DAB+ / DMB SOLID STATE TRANSMITTERS

air-cooled transmitters for 200W to 10kW

DAB/DAB+/DMB exciter with excellent specifications

19" standard rack (12HE - 24HE - 36HE - 40HE)
clearly arranged and easily accessible

Fully Solid-state broadband power amplifiers
(VHF BIII - L-Band)

State-of-the-art LDMOS technology

Low junction temp. of the RF power transistors

Protective circuits for the RF power transistors

Remote control/monitoring
via SNMP/WEB interface (optional)

Efficient low noise forced air cooling

(1 + 1) passive res. transmitting system

(N + 1) passive res. standby transmitting system

User-friendly 7" touch-screen graphical display

Easy installation, startup and maintenance

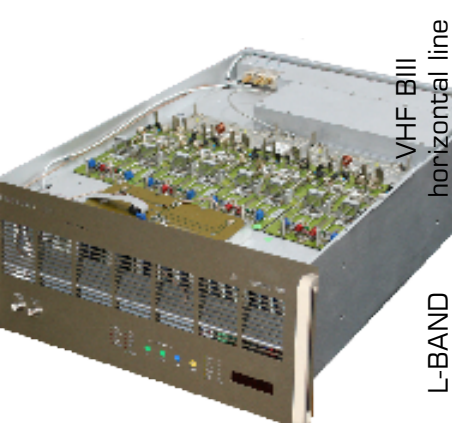
technical data



GENERAL INFORMATION	Frequency range	168 to 242MHz - 1452 TO 1492MHz
	Power supply	110Vac / 230Vac / 400Vac +/- 15%
	Frequency	50Hz / 60Hz
	Max. installation altitude	3.000m a.s.l. (>3.000 m on request)
	Operating temperature range	+0°C to +45°C
	Storage Temperature	-20°C to +70°C
	Permissible relative humidity	95 %, non-condensing
	Cooling system	Forced Air System
RF CHARACTERISTICS	Out stage technology	solid state LDMOS
	Digital System Standard	DAB / DAB+ / DMB
	Intermodulation Products	<1μW
	Harmonics & spurious emission	according to ETSI EN 302 077-2
	External / Frequency reference	10MHz or TTL / Internal (OCXO)
DAB PERFORMANCE	Signal Modulation input	ETI (NI) & ETI (NA) - 2xBNC 75Ω Seamless switching
	DAB Modes	I - II - III - IV
	Frequency Stability	better than 1x10 ⁻⁹ (period: 24h)
	Frequency Response, DAB Block	<1dB
	Static Delay Compensation	max. 1s
	Dynamic Delay Compensation	max. 1s
	MER	>34dB
	Operating network	SFN - MFN
REMOTE CONTROL	Management System <i>Open system (custom-tailored upon request)</i>	Multiple users (via access level) Real-time monitoring, commands and alarms Events history recording (by means of date/time) Trend and diagnostic analysis Software up-grading and up-dating
	Local control	7" touch-screen coloured graphical display via user-friendly interface
	Remote control	Web server and SNMP agent

This document cannot be considered to be a contractual specification. All the information given herein may be modified without notice due to product improvement or further development.

TRANSMITTERS Configuration



Equipment Model	DAB Power	N° of PWR Amplifiers	Rack Dimension
3B0K1A	100Wrms	1 (1 pallet)	2U
3B0K4A	400Wrms	1 (2 pallets)	12U
3B0K8A	800Wrms	1 (4 pallets)	12U
3B1K6A	1.600Wrms	2 (8 pallets)	24U
6B0K3A	300Wrms	1 (4 pallets)	12U
6B0K6A	600Wrms	2 (8 pallets)	24U
6B0K9A	900Wrms	3 (4 pallets)	36U
6B1K2A	1.200Wrms	4 (16 pallets)	36U

TRANSMITTERS Configuratio

Equipment Model	DAB Power	N° of PWR Amplifiers	Rack Dimension
3B2K6A	2.400Wrms	2 (12 pallets)	36U
3B3K9A	3.600Wrms	3 (18 pallets)	36U
3B5K0A	5.000Wrms	4 (24 pallets)	40U
3B7K5A	7.500Wrms	6 (36 pallets)	2x36U
3B10KA	10.000Wrms	8 (48 pallets)	2x40U

